### RCRA/ACT 64 INSPECTION REPORT

.D. Number (U.S. EPA or Michigan) MI I V O I Y I X Y X Y Y	
FACILITY NAME STanley works - Stanley Tools Dio	
Mailing Address 425 Frank St	<u>x.                                    </u>
Fowlerville Michigan Zip C	ode
DATE 8-23-9/ TIME (from) 8:45 Am (to) 10:00 A	102
PERSON(S) INTERVIEWED TITLE TELEPHONE #	
william T. Guerrera Corp Env. Spl. 203-827-3802	
John Chaperon gukerton Guard	
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	41 (4 = 4 d) d) = 4 d) d) = 4 d) d) = 4 d)
INSPECTOR(S) AGENCY TELEPHONE #	
Leron vahoviek Mich DNR 517 322-6313	
	1
	The second
Primary Business of this Facility: This facility is close that not been operated for Several years.	cl.
Has not been operated for several years,	
No haxardous wasse or only activity	ar
This site.	
Reason for Inspection:	
Routine Follow-up Complaint	
(rev. 05/23/90)	PR5122

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### RCRA/Act 64 Inspection Report

_sed upon the inspection, this facility:	FORM
does not generate any hazardous waste	
conditionally exempt small quantity generator	est est ests
small quantity generator inspection form	-A
generator inspection form	-81 8
transporter inspection form	C
PERMITTED TSDF	-D D1 - D2 D3
waste piles inspection form (Subpart L)	04 D5 D6 D7 D8
INTERIM STATUS TSDF  treatment/storage/disposal facility (Subpart A-E & I)  generator appendix inspection form  groundwater monitoring (Subpart F) use w/ Subparts K,L,M&N  tank system inspection form (Subpart J)	D9 D1 D10 - D2
surface impoundments inspection form (Subpart K)  waste piles inspection form (Subpart L)	•
COMMENTS:	kafilkuffilkuqifilməfilkini ilm filkufilku
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# INTERIM TREATMENT/STORAGE/DISPOSAL FACILITY INSPECTION FORM

Facility's Name <u>Stanley works - Stanley Tools b</u> Date 8-23-9/ I.D. # MID 099 124 29	<u>Dia</u> INSPECTION FORM D9 Part 6 Rules
Date 8-23-7/ I.D. # 11.D. 099 124 29	P.A. 64 of 1979
This facility, in addition being a treatment, stora  Generate's Hazardous Waste (also use Form D1)  Transports Hazardous Waste (also use Form C)	age &/or disposal facility:
This facility: Accepts waste from off-site sources Handles only its own waste	
<pre>If applicable, hazardous waste is stored in:</pre>	Approx. # of unit
If applicable, hazardous wastes are treated in:  Surface Impoundment(s) (also use Form D11)  Waste pile(s) (also use Form D12)  Land treatment (also use Form D13)  Incinerator (also use Form D15)  Aboveground tank(s) (also use Form D2)  Underground tank(s) (also use Form D2)  Container(s)  Other  Thermal treatment (also use Form D15)  Chemical, physical & biological treatment (also	so use Form D16)
If applicable, hazardous waste are disposed in:Surface Impoundment(s) (also use Form D11)Land treatment (also use Form D13)Landfill (also use Form D14)Incinerator (also use Form D15)	
WASTE STREAM(S)	
HAZARDOUS WASTE # TYPE OF STORAGE  No wagte Elmerated	HOW MUCH/ TIME PERIOD

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## Treatment/Storage/Disposal Facility Form D9

AZARDOUS WASTE # CODE/NAME	<u>SOURCE</u>	TYPE OF <u>STORAGE</u>	HOW MUCH/ TIME PERIOD
	<u> </u>	Company of the Compan	14116 (1411)
- Clarido - Polificio - Polifi		(a) (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c	
100000000 10000000 10000000 100000000			
	- The state of the		
**************************************	ACCUSATION TO THE PARTY OF THE		
	de la companya de la		
•			
LAND BAN WASTE	YES	NO	_
Comments:			
**************************************	——————————————————————————————————————		······································
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distribution of the second state of the second			
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### RCRA/ACT 64 INSPECTION REPORT

U.S. EPA I.D. NUMBER M\_1 D 0 2 2 1 2 2 2 2 2 2 (or Michigan)

FACILITY NAME (Mailing Address)	57 11 12 12 12	10 00/15	- 570 4/1	4. 2001	17
(111117 111117 ) )	STunley		/	9 (00)	210
	425 7	rank 57			
	Fow/enu	ille	MICHIGAN _	ZIP CODE	
DATE 1/25/89	TI	ME OF INSPE	CTION (FRO	M)(TO	)
PERSON(S) INTERVIEWE Bill J.Guerrera John Calkens		TITLE	eralist.	TELEPHOI	9
Brenda Bembe	2		-		
INSPECTOR(S)	*	AGENCY/TIT	LE	TELEPHO	NE
Levoy vahoriek				1	
		**			
Primary Business of	this Facilit	y: This 5	acilizy 1.	5 not of	wa7149
The Confany C	extified 17	Closed,	How ev	er DNR	has
Not accepted Reason for Inspection					
Routine.		_Follow-up		Com	plaint
INSPECTION FORMS!					- ਜ਼ਹਜ਼ਾਂ
Based upon the inspection is a non-generator generator generator transporter treatment/s	nerator/condi	itionally ex	1EC	l quantity	AABCID
Date of Last Inspec	rion			i i	

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Tabley worth - Maniey "

## Attachment D

Inspection Priorities For RCRA Interim Status Financial Responsibility Requirements

265.140(c)	Is this a State or Federa	l Facility?	Vo
FINANCIAL AS	SURANCE REQUIREMENTS	. <del>·</del> ·	
265.142(a)	Is the written closure co	st estimate availa	b]e? Yes
255.144(a)	Is the written post-closu	re cost estimate a	available? Yes
255.142(c) 265.144(c)	Have any revisions been m closure cost estimates who closure/post-closure?	ade to the closure ich increase the d	e/post- No cost of
265.142(d) 265.144(d)	Have the closure/post-clorevised to reflect the in post-closure?	sure cost estimate creased cost of c	es been losure/ Y25
265.142(b) 265.144(b)	Have the closure/post-clo to the current year by ei or using an inflation fac Implicit Price Deflator 1	ther recalculating ctor derived from	g the cost estmiates the most recent
	Note: The annual Implication from April 1987 to be obtained from the Chicago, (312) 353	o April 1988 (for the Commerce Depar	covers the period example) and can tment Library in
	1981 - 97 1982 - 100	.O base year 19	85 - 111.7
265.143 265.145	Which financial instrume closure care costs?	nt(s) is used to a	assure closure/post
	Closure	<u>P</u> (	ost-Closure
· :			Trust Fund *
	Surety Bond*		Surety Bond*
	Letter of Credit*	· <u>Ti</u>	Letter of Credit*
	Insurance*		Insurance*
	Financial Test		Financial Test
	Corporate Guarantes		Corporate Guarantee
255.143(f) 265.145(f)	Combination of above Specify:	e* <u>                                    </u>	Combination of above* Specify:
265.143(g) 265.145(g)	One instrument for facilities specify:	multiple III	One instrument for multiple facilities specify:
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265.146	Has the owner or operator used one instrument for financial assurance of both closure and post-closure care?
265.142 265.144	Does the amount of the financial assurance instrument(s) equal yes or exceed the current closure/post-closure cost estimates?
265.150	Has the State assumed responsibility for the facility's compliance with closure/post-closure care requirements?
LIABILITY	REQUIREMENTS
265.147(a	Does the owner or operator have coverage for sudden accidental occurrences in an amount of at least \$1 million per occurrence with an annual aggregate of at least \$2 million, exclusive of legal defense costs?
265.147(a	a) What is the method of coverage?
	Insurance :
	Hazardous Waste Facility Endorsement, or
	Certificate of Liability Insurance
	Financial test
	Corporate Guarantee
	Combination of financial test or corporate guarantee and insurance
265.147(	<ul> <li>b) Does the owner or operator of a surface impoundment, landfill, or land treatment facility which is used to manage hazardous waste have coverage for nonsudden accidental occurrences in the amount of at least \$3 million per occurrence with an annual aggregate of at least \$6 million, exclusive of legal defense costs?</li> </ul>
265.147(	(b) What is the method of coverage?
	Insurance
	Hazardous Waste Facility Liability Endorsement, or
	Certificate of Liability Insurance
	Financial test
	TT Corporate guarantee
	Combination of financial test or corporate guarantee and insurance

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- 265.147(e) After receiving final closure certifications from the owner or operator and an independent registered professional engineer, has the Director notified the owner or operator in writing that the owner or operator is no longer required to maintain liability coverage?
  - 265.150 Has the State assumed responsibility for the owner's or operator's compliance with the liability requirements for sudden and/or nonsudden wo accidental occurrences?

## Depending on the division of responsibility between the district offices and the central office in Lansing, the following may apply to a CEI inspection:

- 265.143 Does the wording of all financial instrument(s) match that No. 265.145 in 264.151 and identify the Director of MDNR rather than the U.S. EPA Regional Administrator?
- 265.143(a) Are the closure/post-closure cost estimates calculated according to 7 265.145(a) Federal and State requirements?
  - 265.143 Have the procedures regarding the financial instrument(s) been 265.145 followed?

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Stanley works

# TREATMENT, DISPOSAL AND STORAGE FACILITY WITH ONE OR MORE OF THE FOLLOWING (CHECK THE APPROPRIATE BOXES)

(Value Lan Markotallia Della)
Surface Impoundments - 40 CFR 265 Subpart K
Waste Piles - 40 CFR 265, Subpart L
 Land Treatment - 40 CFR 255, Subpart M
Landfills - 40 CFR 255, Subpart N
Incineration and Thermal Treatment - 40 CFR 265 Subpart O and P
Chemical, Physical and Biological Treatment - 40 CFR 265 Subpart Q.
Groundwater Monitoring 40 CFR 265 Subpart F, to be completed if 40 CFR 265 Subparts K, L, M and N are used

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SURFACE IMPOUNDMENTS (Part 265, Subpart K) Violation Los sorface empound recuts of smalled by Stauttes
are semply Not Clean closed
Do surface impoundments have at least МС N/A Class 60 cm (2 feet) of freeboard? 265.222 I 2. Do earthen dikes have protective covers? 265.223 Are waste analyses done when the impoundment is used to store a substantially different waste than I before? 265,225 Is the freeboard level inspected at ĪĪ least daily? 265.226(1) Are the dikes inspected weekly for 5. evidence of leaks or deterioration? II 265.226(2) 6. Are reactive and ignitable wastes rendered non-reactive or non-ignitable before storage in a surface impoundment? (If waste is rendered non-reactive or non-ignitable, see treatment require-I ments.) 265.229 Are incompatible wastes stored in different impoundments? (If not, the provisions of 40 CFR 265.17(b) I apply.) 265.230 Comments:

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WASTE PILES (40 CFP Part 265, Subpart L) Violatica Ves N/A Class Nо Are waste piles covered or protected I from dispersal by wind? 265.251 2. Is each in-coming movement of waste analyzed before being added to the waste pile? 255.252 Are leachate, run-off, and run-on controlled as per the requirements of I 265.253? 265.253 Are reactive and ignitable wastes rendered non-reactive or non-ignitable before storage in a pile? Indicate if waste is ignitable or reactive. (If waste is rendered non-reactive or nonignitable, see treatment requirements.) 265.256 5. Are piles of reactive or ignitable waste protected from materials or conditions that might cause them to ignite or react? I 265.256 6. Are incompatible wastes stored in different piles? (If not, the provisions of I 40 CFR 265.17(b) apply.) 265.257 (a) Are piles of incompatible waste protected by barriers or distance from other waste? I 265.257(b) Comments:

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#### GROUNDWATER MONITORING (Part 265 Subpart F) Rule 612 of Act 64

<u>Yes</u> <u>No</u> N/A

**Violation** Class

Complete this section for facilities that treat, store, or dispose of hazardous waste in landfills, surface impoundments and/or by land treatment.

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1.	Has t	the owner or operator of the	e .			_	
	Water	ity implemented a ground- monitoring system? (5.7)	259 1892	eret _		I 	
تشدد	ents:	EPA Kegron V and	7/1/2 5	Tancer a	sources ha		سو سلا
20	an	arcelment on The >	and some	05 7/10	- 3 m 5 m ser 199	البيت کي د ه	
		ras fully existed and					6,18
		Dring 12 being com				•	
		no", skip to number 11.		/		a <sup>f</sup>	
2.		the owner or operator of the lity implemented an alternation of the contract o					
		ndwater monitoring system a			·	т	
		ribed in 265.909(d)?		. · <del></del>		<u>.</u> .	
Com	ments:		•				
e07/000000 Hara 24.0-4							
			The state of the s				•
	T.e. **.	yes", skip to number 12.		- PA-Moke - A-Birth-Shift Shift - The Co	<i>,</i> ,		•
	T	no", continue.	V				
3.	Syst	the groundwater monitorin em meet the following re- ements of 255.91:	<b>0</b>				
**.	a.)	At least one well install hydraulically up-gradient the limit of the waste mament area?	from		none en e	N/A	
-		Indicate the total number	of				

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## GROUNDWATER MONITORING (Part 265 Subpart F) Rule 612 of Act 64

	, see	<u>Yes N</u>		Violation Class
b.)	At least three wells installed hydraulically down-gradient at the limit of the waste management area?	<u> </u>		N/A
·	Indicate the total number of down-gradient wells	•		
c.)	Are the number, locations, and depths of all wells sufficient to yield groundwater samples that are representative of groundwater under the facility?	<u> </u>	<b>.</b>	N/A
	Sketch the locations of the wells relative to the waste management area.	i		
	sec appachment	. •		
•				
d.)	Are the monitoring wells construct in accordance with 265.91(c) (e.g. properly cased, screened, etc.)?			N/A
Comments	5 ·	00.4 (TUI v. (10.00) - (TVI v (10.00)	WWW.	00-00-00-00-00-00-00-00-00-00-00-00-00-
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ASSESSMENT ASSESSMENT OF THE PROPERTY OF THE P				<del>0 </del>
a s ana	s the owner or operator developed written groundwater sampling and alysis plan that includes proce-	Ye5		

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Yes No N/A	Violation <u>Class</u>
	N/A
a.) Sample collection?	N/A
b.) Sample preservation and shipment?	N/A
c.) Analytical procedures?	N/A
d.) Chain of custody control?	14 / PL
Does the owner or operator follow his groundwater sampling and analysis plan?	N/A
Comments:	
	- Mat-Vennaghter
	<del></del>
6. Is the groundwater sampling and analysis plan maintained at the facility?	N/A
Comments:	
7. Eas the owner or operator determined the concentration or value of all the groundwater monitoring parameters listed in 265.92(b) in accordance with paragraphs c and d of	n/A
265.92?	
Comments:	
	1

(2) (2)

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# GROUNDWATTR MONITORING (Part 265 Subpart F) Rule 612 of 64

									Yes.	No	NZA	_	ation 255
8.	an <u>o</u> wate	utline r qua	e of a lity a	a compr assesso	ehen ent	develosive grogram program : 265.9	round						
	a.)	haza	rdous	waste	cons	ste or tituen undwat					-		N/A
	b.)	tion haza	of hardous	azardou	s wa cons	of mig ste or tituen			V		¢	-	N/A
	c.)	Wast	e or	hazard	ous w	hazar Vaste c Sundwat	on-						N/A
Comm	ents:	<u></u>										<u> </u>	
								<u> </u>	-				
9.	form	ned a ground	stati Water	or ope stical monit 265.9	ana orina	lysis g data		epul		a b	2 de 7 d	ا مرجعی	n/A
10.	fica	ant ir	creas		pH de	y signi ecrease				٠		<b></b>	: :
	a.)	oper danc pres	rator ce wit	respon	ded proc 265.9	wner on in acco edures 3 para	77-			<i>V</i>		•   •	N/A
		Ski	e to r	umber	14.								

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### GROUNDWATER MONITORING (Part 265 Subpart F)

		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Yes	No	<u>N/A</u>	Violation <u>Class</u>
Commo	ents:					
<del>çı billi direktire çeç</del>	L Landau (Street, 1997)		<u> </u>	·		
*	a wr Waiv	the owner or operator prepared itten groundwater monitoring er demonstration for the lity?	en de Rice et al estado de estado en est	garaga garag	<u></u>	N/A
	Insp	ectors should request a copy he waiver document.	453467	walked er of the		
	a.)	If yes, us the waiver demonstration maintained at the facility?	NOV.		•	N/A
	b.)	If yes, has the waiver demonstration been certified by a qualified geologist or geotechnical engineer?			• •	N/A
	c.)	If yes, skip questions 12, 13, and 14.	e danse	-		N/A
Comm	ents:		SIANO - SOUTH	·	,	
	oesanoges <sub>term</sub>			, 		
					* *	
12.	miti moni Admi	the owner or operator sub- ted an alternate groundwater itoring system to the Regional inistrator? the plan for an alternate ground-				
	wate subj stra	er monitoring system was not mitted to the Regional Admini- ator the inspector should request opy for review.	-		<u> </u>	N/A
	a.)	If yes, has the plan been certified by a qualified geologist or geotechnical engineer?	<u>*</u>	•	<u></u>	N/A

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# GROUNDWATER MONITORING (Part 265 Subpart F) Rule 612 of Act 64

	,	Yes	<u>No</u>	N/A	<u>Class</u>
Comm	ents:		302-25-2000		
13.	Does the alternate groundwater monitoring plan address the requirements of 265.90(d)?		e -	V	N/A
$C_{\text{cmr}}$	ents:				
<del>emiatent executi</del>				verzionich y Attac	<del></del>
				-	
14.	Does the owner or operator submit reports and maintain records as required in 265.94?	V		D 1995-100	N/A
Com	ments:		240-0	CALL WOOD HE	
***************************************			ADAMAN.		
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## RCRA Inspection Report

PA Identification Number: M 1	0 0 9 9 1	2 4 2 9 9	
Installation Name: STanley		, std. 4.	
ocation Address: 425 7			
city: Focoler ville	State: Mich	48836 1	
Date of inspection: 9/14/86	*	(from) 1:30f (to) 2:00 f	
Parson(s) incarviewed	Title	Telephone	
Land to the			v <sub>i</sub>
	3		
	*		
	<b>y</b> •		
Inspector(s)	Agency/Title	Tel epiro ne	
Linay vahorick	MONA Eno Soality	Analyst 517-322-1300	
a de la constantina della cons		•	
Installation Activity (mark only	one box)	Inspection Form(s)	3
Treatment/Storage/Disposal_pe	r 40 CEP 265 1 and/or		
Generation and/or Transportat		Ä	
Treatment/Storage/Disposal (r	no generation or Transpo	ortation) A	
Ti Generation and Transportation	n .	8, C	of-
II Generation only		8	
Transportation only		C	* *
This facility 15 The Sire is sono	no longu	in operation.	*
This facility	-1/50	with goards on	4077
The SITE 15 June	ed with	5	2
2x heeper day.	**	**	
unable to C.	indoct a s	ile inspection.	
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# RCRA Inspection Report

SPA Identification Number: M 1	0 0991	24299	
Installation Name: 5Tauley	70015 DIO 05 The	STANLEY WORKS	
Location Address: 425 Fra	INK ST. 48836		
City: Fowlerville	State: Mich	1	
Date of inspection: 2/16/35	Time of inspection (f	rom) 12130 p (to) 3.75 p	
Person(s) interviewed	Title	Telephone	
AM STOCK	Mgx Plant Eng + Eno	Control 517 223 9154	
Mores Bosaly	Chemist		
			•
Inspector(s)	Agency/Title	Tel ephone	
Leroy vahoniek	Mich Divid course Guality Sp	0/ 5/2-322-1687	
Installation Activity (mark only	/	Inspection Form(s)	*
Generation and/or Transport		A	;2:1 3
Treatment/Storage/Disposal (	no generation or Transport	cation) A	
Ti Generation and Transportation	n	B, C	
Generation only		6	
Transportation only		С	

#### INSPECTION FORM A

572 cm 2 5

### Section A: SCOPE OF INSPECTION.

- Interim status standards for treatment storage or disposal of HAZARDOUS WASTES SUBJECT TO 40 CFR 265.1. Complete Inspection Form A sections B, C, D, E, and G.
- 2. Place an "X" in the box(es) corresponding to the facility's treatment, storage and disposal processes, and generation and/or transportation activity (if any). Complete only the applicable sections and appendixes.

Permit applic	ation	n process(es) (EPA Form 3510-3)	Inspection Form	A section(s)
102	X	storage in containers		I
S02		storage in tanks		J
тої		treatment in tanks		J
S04	X	storage in surface impoundment		K,F
T02	П	treatment in surface impoundment		K,F
D83		disposal in surface impoundment		K,F
503	Ш	storage in waste pile		L
180		disposal by land application.		M,F
080		disposal in landfill	•	N, F
Т03		treatment by incineration		0/P
T04		treatment in devices other than timpoundments, or incinerators	tanks, surface	Q
Other activities				
GENERATOR	X		APPENDIX	GN
TRANSPORTER			APPENDIX	TR

- 3. Indicate any hazardous waste processes, by process code, which have been omitted from Part A of the facility's permit application.
- 4. Indicate any hazardous waste processes (by process code and line number on EPA Form 3510-3 page 1 of 5) which appear to be eligible for exclusion per 40 CFR 265.1(c). Provide a brief rationale for the possible exclusion.

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			YES	NO	NI*	Remarks
٦.		the Regional Administrator n notified regarding: 265.12				en e
	₫.	Receipt of hazardous waste from a foreign source?			**************************************	
	b.	Facility expansion?	Describe and describe			
	C٠	Change of owner or operator?	Clausen	1	-	
2.	Gen	eral Waste Analysis: 265.13				•
	a.	Has the owner or operator obtained a detailed chemical and physical analysis of the waste?			CAN-	•
	b.	Does the owner or operator have a detailed waste analysis plan on file at the facility?			***************************************	
-	c.	Does the waste analysis plan specify procedures for inspection and analysis of each movement of hazardous waste from off-site?	· .	No	T_ a	epicable
3.	Sed	curity - Do security measures include (if applicable) 265.14	•			and the second s
	a.	24-Hour surveillance?	1		-	
	b.	or i. Artificial or natural barrier around facility?				
		and ii. Controlled entry?		·		7' famey
	Ċ.	Danger sign(s) at entrance?	3/		460 — Çente	/
4.	0w	ner or operator inspections: 265.15				
	a.	Does the owner or operator inspect the facility for malfunctions, deterioration, operator errors, and dischanges of hazardous waste that may affect human health or the environment?	<u> </u>			

Section B: GENERAL FACILITY STANDARDS: (Part 265 Subpart B)

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				•
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				YES NO	NI	Remark	\$	· ·
		have	the owner or operator an inspection schedule he facility?			• • • • • • • • • • • • • • • • • • •	-	
	C .		o, does the schedule address inspection of the following					
		i.	monitoring equipment?		9 <u>Z</u>	afp/c	10/E	
	j	ii.	safety and emergency equipment?			112	Co:	
	i ·	ii.	security devices?	Marin	ur/	inspe	CION	
	. •	iv.	operating and structural equip- ment (i.e. dikes, pumps, etc.)?					<u> </u>
		٧.	type of problems to be looked for during the inspection (e.g. leaky fitting, defective pump, etc.)?		Læge	g on	failure	2
·.	۲	Vi.	inspection frequency (based upon the possible deterioration rate of the equipment)?		dai	<u>/y_</u>		MACONING TO SERVICE AND ADDRESS OF THE PARTY
	d.		areas subject to spills inspect- daily when in use?	V	* 			
	e.	an	s the owner or operator maintain inspection log or summary of er or operator inspections?	<u></u>		er ye yerkedirin		
	f.		s the inspection log contain the lowing information:					
		i.	the date and time of the inspection?	<u> </u>		<u> </u>		<del>(4,</del>
		ii.	the name of the inspector?				······································	·
	i	ii.	a notation of the observations made?	V				
		iv.	the date and nature of any repairs or remedial actions?					
Do pe inclu			training records 65.16					
-	ā∙	Job	titles?					

Job descriptions?

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v.	,					
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		•				
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	ILO NO NI NEMARKS
c. Description of training?	
d. Records of training?	
e. Did facility personnel receive the required training by 5-19-81?	
f. Do new personnel receive required training within six months?	MOT APPLICABLE
g. Do personnel training records indicate that personnel have taken part in an annual review of initital training?	
If required, are the following special requirements for ignitable, reactive, or incompatible wastes addressed? 265.	. 17
a. Special handling?	<u>A</u>
b. No smoking signs?	NOT Afflicable
c. Separation and protection from ignition sources?	

6.

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## Section C: PREPAREDNESS AND PREVENTION: (Part 265 Subpart C)

Ϊ.	Maintenance and Operation of Facility: 265.31	YES NO NI Remarks
	Is there any evidence of fire, explosion, or release of hazardous waste or hazardous waste constituent?	TES NO NI REMARKS
2.	If required, does the facility have the following equipment: 265.32	
	a. Internal communications or alarm systems?	V Fire
	b. Telephone or 2-way radios at the scene of operations?	_ I phone in nearby build,
	c. Portable fire extinguishers, fire control, spill control equipment and decontamination equipment?	
	Indicate the volume of water and/or fo	am available for fire control:
	CITY water + 10	" well (private)
3.	Testing and Maintenance of Emergency Equipment: 265.33	e de la companya del companya de la companya de la companya del companya de la co
	a. Has the owner or operator established testing and maintenance procedures for emergency equipment?	
	b. Is emergency equipment maintained in operable condition?	
4.	Has owner or operator provided immediate access to internal alarms? (if needed) 265.34	
5.	Is there adequate aisle space for unobstructed movement?	
6.	Has the owner or operator attempted to make arrangements with local authorities in case of an emergency at the facility?	

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### Section D: CONTINGENCY PLAN AND EMERGENCY PROCEDURES: (Part 265 Subpart D)

YES NO NI Remarks

1.	Does	the	Contingency	Plan	contain	the
	foll	owind	information	7:	265.52	

a. The actions facility personnel must take to comply with §265.51 and 265.56 in response to fires, explosions, or any unplanned release of hazardous waste? (If the owner has a Spill Prevention, Control, and Countermeasures (SPCC) Plan, he needs only to amend that plan to incorporate hazardous waste management provisions that are sufficient to comply with the requirements of this Part (as applicable.)

b. Arrangements agreed by local police departments, fire departments hospitals, contractors, and State and local emergency response teams to coordinate emergency services

pursuant to §265.37?

numbers (office and home) of all persons qualified to act as emergency coordinators?

d. A list of all emergency equipment at the facility which includes the location and physical description of each item on the list and a brief outline of its capabilities?

e. An evacuation plan for facility personnel where there is a possibility that evacuation could be necessary? (This plan must describe signal(s) to be used to begin evacuation, evacuation routes, and alternate evacuation routes?)

 Are copies of the Contingency Plan available at the site and local emergency organizations? 265.53

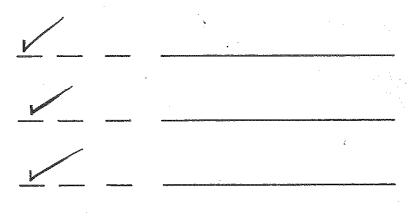
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4.	•		200	•
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- . Emergency Coordinator 265.55
  - a. Is the facility Emergency Coordinator identified?
  - b. Is coordinator familiar with all aspects of site operation and emergency procedures?
  - c. Does the Emergency Coordinator have the authority to carry out the Contingency Plan?
- 4. Emergency Procedures 265.56

If an emergency situation has occurred at this facility, has the Emergency Coordinator followed the emergency procedures listed in 265.56?



	SECTION .	
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### Section F - GROUNDWATER MONITORING (Part 265 Subpart F)

Complete this section for facilities that treat, store, or dispose of hazardous waste in landfills, surface impoundments and/or by land treatment.

Has the owner or operator of the facility implemented a ground-	125 110 11.	T Weller V3
water monitoring system? 265.90		**************************************
If "no". Skip to number 11.		

2. Has the owner or operator of the facility implemented an alternate groundwater monitoring system as described in 265.90(d)?

If "yes", skip to number 12. If "no", continue

- 3. Does the groundwater monitoring system meet the following requirements of 265.91:
  - a. At least one well installed hydraulically up-gradient from the limit of the waste management area?

Indicate the total number of up-gradient wells.

b. At least three wells installed hydraulically down-gradient at the limit of the waste management area?

Indicate the total number of downgradient wells.

c. Are the number, locations, and depths of all wells sufficient to yield groundwater samples that are representative of groundwater under the facility?

A comment of the comm		
	errorms and an analysis of the second and an analysis of the second and an analysis of the second and an an analysis of the second and an analysis of the second analysis of the second and an analysis of the second and an analysis of the second analysis of the second and an an	
}		
	#P4PR	
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	The second of th	a, e was liverature success
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		<u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>

Stanley Tool Submitted a modified Ground water Assessment flan dated June 15, "34" To File who affrond To me letter dated June 29 8;

·			

Sketch the locations of the wells relative to the waste management area.

	d₊	Are the monitoring wells constructed in accordance with 265.91(c) (e.g. properly cased, screened, etc.)?		-			
4.	dev wat pla	the owner or operator eloped a written ground- er sampling and analysis n that includes procedures techniques for: 265.92					•
	a.	Sample collection?		*arregionations			
	b.	Sample preservation and shipment?					
	C.	Analytical procedures?	1.	**************************************			
	d.	Chain of custody control?	<u> </u>	-		····	F
5.	fol	s the owner or operator low his groundwater sampling analysis plan?		n y Later were after the control of			, pun 1000 - 123 r. j. 1807 280 r. 3
6.	ana	the groundwater sampling and lysis plan maintained at the ility?	<u>V</u>	No. and and an analysis of the second			
7.	min of par and	the owner or operator deterned the concentration or value all the groundwater monitoring rameters of 265.92(b) in accordate with paragraphs c and d of 5.92?	does !	not eas	apply	-They	are

YES NO NI

Remarks

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			4

8.		or operator developed
	an <u>outline</u> of	a comprehensive ground-
		assesment program that
	is capable of	determining: 265.93

a.	Whet	he	r t	naza	ard	ous	was	te	or	
	haza	ard	ou s	S W	a st	:e (	const	itu	ent	\$
	have	e e	nte	ere	d t	he	grou	ndw	ate	rî

b. The rate and extent of migra- They was tion of hazardous waste or hazardous waste constituents in the groundwater?

c. The concentration of hazardous waste or hazardous waste constituents in the groundwater?

<b>*</b> 9.	Has	the	owner	or	opera	tor	perf	orme	ed .
			stical						
	wate	er mo	onitor	•i ng	data	as	requi	red	in
	265.	.93(1	o)?						

Was there a statistically significant increase (or pH decrease) detected in any well?

> If "yes," has the owner or operator responded in accordance with the procedures prescribed in 265.93 paragraphs c through f?

> > Skip to number 14

11. Has the owner or operator prepared a written groundwater monitoring waiver demonstration for the facility?

> Is the waiver demonstration maintained at the facility?

Has the waiver demonstration been certified by a qualified geologist or geotechnical engineer?

Note: Inspectors should request a copy of the waiver document.

Skip questions 12, 13, and 14.

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<sup>\*</sup>These requirements do not take effect until the first 6 months after November 19, .1982. The latest date for compliance with these requirements is May 19, 1983.

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			i.		
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12. Has the owner or operator submitted an alternate groundwater monitoring system to the Regional Administrator?

1 + certified - Keck

a. Has the plan been certified by a qualified geologist or geotechnical engineer?

Note: If the plan for an alternate groundwater monitoring system was not submitted to the Regional Administrator the inspector should request a copy for review.

13. Does the alternate groundwater monitoring plan address the requirements of 265.90(d)?

14. Does the owner or operator submit reports and maintain records as required in 265.94?

Apacament Report submitted to

EPA (data a/27/85). DAVR reviewed

The report and sent comments to

Region V EPA on 3/25/85. The

report was inadequate, the successment

monitoring continues are required, but

15 still inadequate, Please refer to

DAR comments on The 3/25/85 letter

the Mi Archients from A/anthourd (ONR).

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## Section G - CLOSURE AND POST CLOSURE (Part 265 Subpart G)

YES NO

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Remarks

١.	Clos	ure	265	. 112						
	đ.			cility closur lable for ins		1	Федентинент	ALTERNATIVE STREET, AND THE ST	Management of the Control of the Con	ingini animamangan pendulumna man
	b.	Does	the	plan identify	•					
				num extent unc facility life?		1/1/	MPPO-woodcoamide	Annual Control of the		······································
	1		maxin vento	num hazardous ory?	waste in-	<u></u>		400000000000000000000000000000000000000		
		iv.	estin	nated year of	closure?	<u> </u>	-	THE RESERVE THE PROPERTY OF TH		
		٧٠	sched	dule of closur	re activities?	<u> </u>			- CONTROL - CONT	
	C.	Has	clos	ure begun?		Bids	<u>at</u> e	This	The Slud	7 L.
*2.	Pos	t-Clc	sure	265.118		remos	in the lates	T 7415	Time!	
	a.			ost-closure poection?	lan available		<del>Children mapping</del>	enopy	· · · · · · · · · · · · · · · · · · ·	W
	b.	Does	thi	s plan contai	n:			٠,		
		اً ۵	moni	ription of gr toring activi uencies?			<del>O'miccomo</del> q			
		e e e e e e e e e e e e e e e e e e e		ription of ma vities and fr			general and the second second		n de la companya de l La companya de la companya de	
			AA.	integrity of cover, or co structures, cable	ntainment				·	
			BB.	_	itoring equip-					
	i	וֹוֹיים	of p	erson or offi	d phone number ce to contact ire care period?	)				
	C.	Has	the	post-closure	period begun?	APhiliprimenum . Wi-Allicalliannas	· «Widenman	**************************************		<del></del>
	d.			ritten post-c available?	losure cost 265.144	- Branching	Womannag,			managa yaki malama manayaga gali dili malip

Applies only to disposal facilities.

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## Section I - USE AND MANGEMENT OF CONTAINERS (Part 265, Subpart I)

		120 110 111	4/Clist ( V 2
1.	Are containers in good condition? 265.171		
2.	Are containers compatible with waste in them? 265.172	V	
3.	Are containers managed to prevent leaks? 265.173	<u> </u>	
4.	Are containers stored closed?	2-00m20-100 VOxformum mmaga,	
5.	Are containers inspected weekly for leaks and defects.	<u> </u>	
6.	Are ignitable and reactive wastes stored at least 15 meters (50 feet) from the facility property line? (Indicate if waste is ignitable or reactive).	265.776 	Afflicable
7.	Are incompatible wastes stored in separate containers? (If not, the provisions of 40 CFR 265.17(b) apply). 265.177		
8.	Are containers of incompatible waste separated or protected from each other by physical barriers or sufficient distance?		

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## Section J - TANKS (Part 265, Subpart J)

YES NO NI Remarks

1.	Are tanks used to store only those wastes which will not cause corrosion, leakage or premature failure of the tank? 265.192
2.	Do uncovered tanks have at least 60 cm (2 feet) of free-board, or dikes or other containment structures?
3.	Do continuous feed systems have a waste-feed cutoff?
4.	Are waste analyses done before the tanks are used to store a substantially different waste than before?
5.	Are required daily and weekly inspections done? 265.194
6.	Are reactive & ignitable wastes in tanks protected or rendered non- reactive or non-ignitable? 265.198 Indicate if waste is ignitable or reactive. (If waste is rendered non-reactive or non-ignitable, see treatment requirements.)
7.	Are incompatible wastes stored in separate tanks? 265.199 (If not, the provisions of 40 CFR 265.17(b) apply.)
8.	Has the owner or operator observed the National Fire Protection Associations buffer zone requirements for tanks containing ignitable or reactive wastes?
	Tank capacity:gallons
	Tank diameter:feet
	Distance of tank from property linefeet
	(See table 2 - I through 2 - 6 of NFPA's "Flammable and Combustible Liquids Code - 1977" to determine compliance.)

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### Section K - SURFACE IMPOUNDMENTS (Part 265, Subpart K)

	Do surface impoundments have at least 60 cm (2 feet) of freeboard? 265.222	YES NO NI Remarks
2.	Do earthen dikes have protective covers? 265.223	
3.	Are waste analyses done when the impoundment is used to store a substantially different waste than before? 265.225	Not Applicable
4.	Is the freeboard level inspected at least daily? 265.226	
5.	Are the dikes inspected weekly for evidence of leaks or deterioration?	
6.	Are reactive & ignitable wastes rendered non-reactive or non-ignitable before storage in a surface impoundment? (If waste is rendered non-reactive or non-ignitable, see treatment requirements.) 265.229	NOT Afflicable

7. Are incompatible wastes stored in different impoundments? (If

not, the provisions of 40 CFR 265.17(b) apply.) 265.230

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## Section L - WASTE PILES (40 CFR Part 265, Subpart L)

		11	NO	18.2	VCHa I V 2	
] 0	Are waste piles covered or protected from dispersal by wind? 265.251	(PROGRAMA CONTAINS		COLUMN TO SERVICE STATE OF THE SERVICE STATE STATE OF THE SERVICE STATE OF THE SERVICE STATE OF THE SERVICE STATE STATE STATE STATE STA		يجعن
2.	Is each in-coming movement of waste analyzed before being added to the waste pile? 265.252	Consequence	-			
3.	Are leachate, run-off, and run-on controlled as per the requirements of 265.253? 265.253			where we many appearance of the		We-sia
4.	Are reactive & ignitable wastes rendered non-reactive or non-ignitable before storage in a pile? Indicate if waste is ignitable or reactive. (If waste is rendered non-reactive or non-ignitable, see treatment requirements.) 265.256			·	•	
5.	Are piles of reactive or ignitable waste protected from materials or conditions that might cause them to ignite or react?				·	
6.	Are incompatible wastes stored in different piles? (If not, the provisions of 40 CFR 265.17(b) apply.) 265.257					
7.	Are piles of incompatible waste protected by barriers or distance from other waste?					

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### Section M - LAND TREATMENT (Part 265, Subpart M)

*	To Aller de Constitution of the Constitution o	152	NU	NI	Remarks		
1 .	Is treated hazardous waste capable of biological or chemical degradation? 265.272	<del>су, урмания</del> й					illitti kakkuramamii tiira siyimiigi kurilliilli kurinin ka
2.	Are run-off and run-on diverted from the facility or collected						
3.	Is waste analyzed according to 265.273?	÷55047/p4444444		and Elling to Eq. pands		gantha 188 il mark 1888 (1883) Magayan da pangal kagan di Banas (1884) da gayan da ka	матичник имунек (Дуугар математик жан имистаба).
4.	If food chain crops are grown at the facility, has the owner or operator addressed the requirements of 265.276?	***************************************			-		
5.	Is an unsaturated zone monitoring plan designed and implemented to detect the vertical migration of hazardous waste and provide information on the background concentrations of the hazardous waste available? 265.278		مسسين				**************************************
6.	Does the unsaturated zone moni- toring plan address the minimum information specified in 265.278?	<del>الماسى</del> يين				·	
7.	Are records kept regarding application dates and rates, quantities, and locations, of all hazardous waste placed in the facility? 265.279		e er				
8.	Are the special requirements fulfilled regarding land treatment of ignitable or reactive wastes? (Indicate if waste is ignitable or reactive.) 265.281	ddensibaliyddi					
9.	Are incompatible wastes land treated? (If yes, 265.17(b) applies) 265.282			#200-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-			

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			and the second
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Section N -	LANDFILLS	(Part 265.	Subpart	N)

		,	YES	NO	NI	Remarks
e		eral Operating Requirements 265.302 s the facility provide the following:				
	3.	Diversion of run-on away from active portions of the fill?				
	b.	Collection of run-off from active portions of the fill?	translateralmona):		49-reterminamentii	
	c.	Is collected run off treated?			والمنافعة المراجعة	
	d.	Control of wind dispersal of hazardous waste?	AND RESERVE STATES	-	<del></del>	
. •		veying and Recordkeeping 265.309 s the Operating Record Include:				
	a.	A map showing the exact location and dimensions of each cell?		Ula Slava mara ana Sana		•
	b.	The contents of each cell and the location of each hazardous waste type withing each cell?	<del></del>			
}.	rea act mix act	cial requirements for ignitable or ctive waste. Are ignitable or re-ive wastes treated so the resulting ture is no longer ignitable or reive? (Indicate if waste is ignitable reactive.) 265.312	<del></del>	44PRANTINETS		-
		cial Requirements for Incompatible tes. 265.313	#*************************************	Y-44 (N-1-1-1)	n. The many servers reserves.	
	of cel	s the owner or operator dispose incompatible waste in separate ls? (If not, the provisions of CFR 265.17(b) apply.)				

Note: If waste is rendered non-reactive or non-ignitable see treatment requirements. If not, the provisions of 40 CFR 265.17(b) apply.

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#### Section A: Scope

Tomplete this Appendix if the owner or operator of a TSD facility also generates hazardous waste that is subsequently shipped off-site for treatment, storage, or disposal.

Section B: MANIFEST REQUIREMENTS (Part 262, Subpart B)

		· · · · · · · · · · · · · · · · · · ·	YES	NO	NI	Remarks
1)		s the operator have copies of the manifest ilable for review? 262.40	1			
				************		NAME OF THE PROPERTY OF THE PR
2)	mon	mine manifests for shipments in past 6 ths. Indicate approximate number of ifested shipments during that period.	1		·	
3)	fol cop fes	the manifest forms examined contain the lowing information: (If possible, make ies of, or record information from, manities) that do not contain the critical ments). 262.21		_		
	ā∗	Manifest document number?	<u>V</u>			
	ь.	Name, mailing address, telephone number, and EPA ID number of Generator			*	:
	c.	Name and EPA ID Number of Transporter(s)?	<u> </u>		-	. ,
	d.	Name, address, and EPA ID Number Designated permitted facility and alternate facility?				
	e.	The description of the waste(s) (DOT shipping name, DOT hazard class, DOT identification number)?			· · · · · · · · · · · · · · · · · · ·	
	f.	The total quantity of waste(s) and the type and number of containers loaded?				
	g.	Required certification?	200	<del></del>		
	h.	Required signatures?				**************************************
(4)	Rep	portable exceptions 262.42				
	₫.	For manifests examined in (2) (except for enter the number of manifests for which the signed copy from the designated facility was a signed copy from the designated f	ie gen	erato	r has	NOT received a

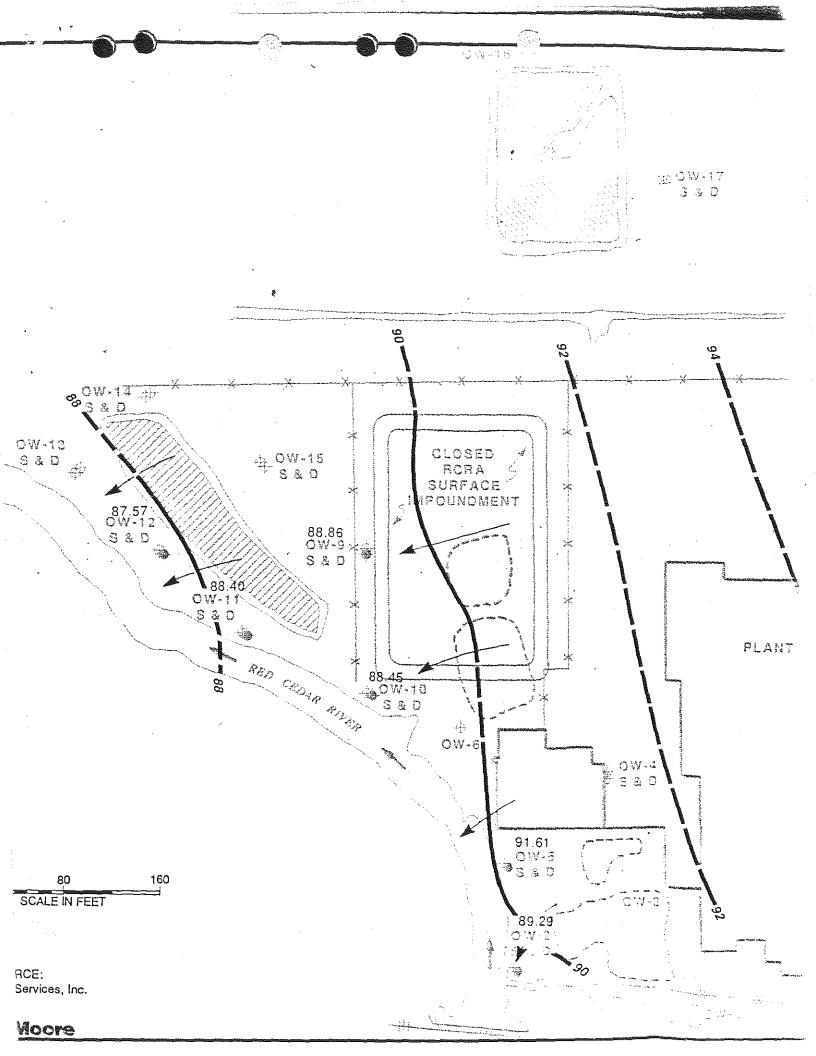
b. For manifests indicated in (4a), enter the number for which the generator has submitted exception reports (40 CFR 262.42) to the Regional Administra-

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ct:	ion	C: PRE-TRANSPORT REQUIREMENTS (Part 262, Su	bpart	C)			
9	with	waste packaged in accordance n DOT regulations? quired prior to movement of	YES	NO	NI	Remarks	
		ardous waste off-site) 262.30	Z	<b>⊘</b>	<del> </del>		
2.	in a cond (Red	waste packages marked and labeled accordance with DOT regulations cerning hazardous waste materials? quired for movement of hazardous te off-site) 262.31 262.32	<u></u>		شسست		- dans and the description of the Con-State of
3.		required, are placards available to nsporters of hazardous waste? 262.33	¥		&		
4.	was wit and to	site accumulation of generated hazardous was te it generates either (A) in its storage fac h 40 CFR 262.34 [see 265.1(c)(7)]. Option B containers. If the installation elects opt Section D. If the installation elects options: See 40 CFR 262.34 January 11, 1982 Rev	cility restr ion A, n B, c	[265 icts chec	.1(b) all ack this	or (B) in acco ccumulation to to box     and sk	rdance anks ip
	a.	Is each container clearly marked with the start of accumulation date?					· · · · · · · · · · · · · · · · · · ·
	b.	Have more than 90 days elapsed since the date inspected in (a)?	<del>úsa</del>				
	C.	Do wastes remain in accumulation tanks for more than 90 days?	<i>ರಾಜಾನ್ಯಾರ</i> ಿಕಾರಿ		<u>N</u>	OT APPlica	ble
	d.	Is each container and tank labeled or marked clearly with the words "Hazardous Waste"?			**************************************	NET TO A PERMUNENT AND APPRICATE AND REAL PROPERTY.	
Sec	ction	D: - RECORDKEEPING AND REPORTING (Part 262,	Subpa	irt D)	)		
1.	ne mir	e all test results and analyses eded for hazardous waste deter- nations retained for at least ree years? 262.40	YES	S NO	NI	Remarks	
Sec	ctio	n E: - INTERNATIONAL SHIPMENTS (Part 262, Sub	opart B	Ξ)			
1.		s the installation imported or corted Hazardous Waste? 262.50		<u> </u>			
		f answered Yes, complete the following applicable.)	•				

a. Exporting Hazardous waste; has a generator:

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## RCRA Inspection Report

EPA Identification Number: M 1 0 0 9 9 1 2 5	8277
Installation Name: 57ahley Tools	11 Self 1
Location Address: 425 True 577007	V8.
City: Zowslerville State: McK +883	<u> </u>
Date of inspection: $\frac{9/25/8\%}{}$ Time of inspection (from)	9:4574 (to) 12:00N
Person(s) interviewed Title	Tel ephone
Rexa Rejael Chemist 51	17-223-815×
Albert M. STOCK MONOS Plo, Eng + Environmental C	control
the state of the s	
Inspector(s)  Agency/Title  Must DNA GOVER GUALINE SAL	Tel ephone 512-722 (697)
Inspector(s)  Agency/Title  Mich Till Content Sull  Installation Activity (mark only one box)	Telephone  5/2-7/2 / 5/2  Inspection Form(s)
Installation Activity (mark only one box)    Treatment/Storage/Disposal per 40 CFR 265.7 and/or	Inspection Form(s)  A
<pre>Installation Activity (mark only one box)  Installation Activit</pre>	Inspection Form(s)  A
<pre>Installation Activity (mark only one box)  M Treatment/Storage/Disposal per 40 CFR 265.P and/or     Generation and/or Transportation  Treatment/Storage/Disposal (no generation or Transportation)</pre>	Inspection Form(s)  A

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#### INSPECTION FORM A

### Section A: SCOPE OF INSPECTION.

- 1. Interim status standards for treatment storage or disposal of HAZARDOUS WASTES SUBJECT TO 40 CFR 265.1. Complete Inspection Form A sections B, C, D, E, and G.
- 2. Place an "X" in the box(es) corresponding to the facility's treatment, storage and disposal processes, and generation and/or transportation activity (if any). Complete only the applicable sections and appendixes.

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- 3. Indicate any hazardous waste processes, by process code, which have been omitted from Part A of the facility's permit application.
- 4. Indicate any hazardous waste processes (by process code and line number on EPA Form 3510-3 page 1 of 5) which appear to be eligible for exclusion per 40 CFR 265.1(c). Provide a brief rationale for the possible exclusion.

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		Section B: GENERAL FACILITY	1 21AN	WAKD2	: (Part	Zon Subpare by
			YES	МО	NI*	Remarks
**	1434 564	the Regional Administrator notified regarding: 265.12				
	3.	Receipt of hazardous waste from a foreign source?		•	14	
	b.	Facility expansion?	. esseresteresteres	1	grimming of the state of the st	
	C •	Change of owner or operator?		1	NA CONTRACTOR OF THE PARTY OF T	
	Gen	eral Waste Analysis: 265.13				
	ā.	Has the owner or operator obtained a detailed chemical and physical analysis of the waste?		***************************************		
	b.	Does the owner or operator have a detailed waste analysis plan on file at the facility?	Procession of the second			
	C.	Does the waste analysis plan specify procedures for inspection and analysis of each movement of hazardous waste from off-site?	Qysychwelengende	LC-PROS. ANTONOMY	<u>18/14</u>	*
•	Sec	urity - Do security measures include (if applicable) 265.14				
	 	24-Hour surveillance?				
: : : : : : : : : : : : : : : : : : :	b.	or  i. Artificial or natural barrier around facility? and				
		<pre>ii. Controlled entry?</pre>	- Francisco	<del></del>	************	
	C»	Danger sign(s) at entrance?	Z		·	
}	Öwr	ner or operator inspections: 265.15				
	a "	Does the owner or operator inspect the facility for malfunctions, deterioration, operator errors, and dischanges of hazardous waste that may affect human health or the environment?		e de la constitución de la const		

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\*Not Inspected

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	YES NO NI	Remarks
b. Does the owner or operator have an inspection schedule at the facility?		
<ul> <li>If so, does the schedule address the inspection of the following items:</li> </ul>		
<pre>i. monitoring equipment?</pre>	<u>l</u>	
ii. safety and emergency equipment?	V The	<u> 2×7</u>
iii. security devices?		
<pre>iv. operating and structural equip- ment (i.e. dikes, pumps, etc.)?</pre>		•
v. type of problems to be looked for during the inspection (e.g. leaky fitting, defective pump, etc.)?	V	
vi. inspection frequency (based upon the possible deterioration rate of the equipment)?		
d. Are areas subject to spills inspect- ed daily when in use?	V Prise	<u> </u>
e. Does the owner or operator maintain an inspection log or summary of owner or operator inspections?		
f. Does the inspection log contain the following information:		
i. the date and time of the inspection?		
ii. the name of the inspector?	3 mention and a second	
<pre>iii. a notation of the observations   made?</pre>	<u> </u>	
<pre>iv. the date and nature of any     repairs or remedial actions?</pre>		
Do personnel training records include: 265.16		
a. Job titles?	<u> </u>	
b. Job descriptions?		

•			11.	110	111	cind r iv 3
	c.	Description of training?	Jane -	<del></del>		**************************************
	( <u>,</u>	Records of training?	<u> </u>		·	
	\$ <u>*</u> * ±	Did facility personnel receive the required training by 5-19-81?			e gramme i promone special de la constitución de la	
	f.	Do new personnel receive required training within six months?		- -	N/K	nangeresine!
	g.	Do personnel training records indicate that personnel have taken part in an annual review of initital training?		Å	10,	IT has been ever year since The Training
6.	req	required, are the following special uirements for ignitable, reactive, incompatible wastes addressed? 265.	17	-	1057	Training
	a.	Special handling?	-			
	b.	No smoking signs?				
	C.	Separation and protection from ignition sources?				•

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# Section C: PREPAREDNESS AND PREVENTION: (Parl 265 Subpart C)

}	Maintenance and Operation of Facility: 265.31	YES NO NI Remarks
	is there any evidence of fire, explosion, or release of hazardous waste or hazardous waste constituent?	
2.	If required, does the facility have the following equipment: 265	3.32
	a. Internal communications or alarm systems?	
	b. Telephone or 2-way radios at the scene of operations?	
	c. Portable fire extinguishers, fire control, spill control equipment and decontamination equipment?	V 2×7
	Indicate the volume of water and/o	or foam available for fire control:
	Boy Water	to proper the contraction of the
3.	Testing and Maintenance of Emergency Equipment: 265.33	
	a. Has the owner or operator established testing and maintenance procedures for emergency equipment?	
	b. Is emergency equipment maintained in operable condition?	pell managed;
4.	Has owner or operator provided immediate access to internal alarms? (if needed) 265.34	
5.	Is there adequate aisle space for unobstructed movement?	
6.	1	ed
	to make arrangements with local authorities in case of an emergen at the facility?	cy

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YES NO NI Remarks

- Does the Contingency Plan contain the following information: 265.52
  - a. The actions facility personnel must take to comply with §265.51 and 265.56 in response to fires, explosions, or any unplanned release of hazardous waste? (If the owner has a Spill Prevention, Control, and Countermeasures (SPCC) Plan, he needs only to amend that plan to incorporate hazardous waste management provisions that are sufficient to comply with the requirements of this Part (as applicable.)
  - b. Arrangements agreed by local police departments, fire departments hospitals, contractors, and State and local emergency response teams to coordinate emergency services pursuant to §265.37?
  - c. Names, addresses, and phone numbers (office and home) of all persons qualified to act as emergency coordinators?
  - d. A list of all emergency equipment at the facility which includes the location and physical description of each item on the list and a brief outline of its capabilities?
  - e. An evacuation plan for facility personnel where there is a possibility that evacuation could be necessary? (This plan must describe signal(s) to be used to begin evacuation, evacuation routes, and alternate evacuation routes?)
- 2. Are copies of the Contingency Plan available at the site and local emergency organizations? 265.53

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- 3. Emergency Coordinator 265.55
  - a. Is the facility Emergency Coordinator identified?
  - b. Is coordinator familiar with all aspects of site operation and emergency procedures?
  - c. Does the Emergency Coordinator have the authority to carry out the Contingency Plan?
- 4. Emergency Procedures 265.56

If an emergency situation has occurred at this facility, has the Emergency Coordinator followed the emergency procedures listed in 265.56?

<u></u>	No.	
	<del></del>	 <u>.</u>
By and the same of		

Non have occorred

### Section F - GROUNDWATER MONITORING (Part 265 Subpart F)

Complete this section for facilities that treat, store, or dispose of hazardous waste in landfills, surface impoundments and/or by land treatment.

1	Has the owner or operator (	of the
	facility implemented a grou	und-
	water monitoring system?	265.90

If "no", Skip to number 11.

2. Has the owner or operator of the facility implemented an alternate groundwater monitoring system as described in 265.90(d)?

If "yes", skip to number 12. If "no", continue

- 3. Does the groundwater monitoring system meet the following requirements of 265.91:
  - a. At least one well installed hydraulically up-gradient from the limit of the waste management area?

Indicate the total number of up-gradient wells.

b. At least three wells installed hydraulically down-gradient at the limit of the waste management area?

Indicate the total number of downgradient wells.

c. Are the number, locations, and depths of all wells sufficient to yield groundwater samples that are representative of groundwater under the facility?

YES NO NI	Remarks
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This program geology unit.	gg person horse and gg is a c
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Sketch the loca and of the wells relative to the waste management area.

			JE2 W	O NI	Remarks	
	d.	Are the monitoring wells constructed in accordance with 265.91(c) (e.g. properly cased, screened, etc.)?	2004 7603	Geolopy Grody,	27.17	ga garan sa
4.	dev wat pla	the owner or operator eloped a written ground- er sampling and analysis n that includes procedures techniques for: 265.92				
	a.	Sample collection?		<del></del>	kent villet villet til som skill som till symmerse som som som skill som som som	
	b.	Sample preservation and shipment?		Tables .		
	C.	Analytical procedures?	TOTAL TOTAL CONTROL CO	normalis Enthelmonto	announterplantamentepour e e e e e e e e e e e e e e e e e e e	
	ď.	Chain of custody control?	of Confederation and the Confederation and t			
5.	fol	s the owner or operator low his groundwater sampling lanalysis plan?			· · · · · · · · · · · · · · · · · · ·	
6.	ana	the groundwater sampling and alysis plan maintained at the cility?				
7.	mir of par and	the owner or operator deterned the concentration or value all the groundwater monitoring rameters of 265.92(b) in accordace with paragraphs c and d of 5.92?				

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3.	an wat	the owner or operator developed outline of a comprehensive grounder quality assesment program that capable of determining: 265.93							
	а.	Whether hazardous waste or hazardous waste constituents have entered the groundwater?	¥		-				
	b.	The rate and extent of migra- tion of hazardous waste or hazardous waste constituents in the groundwater?	**************************************	Kec	6 13 20 Tax	۲ هو وي	King.	go vez	
	c.	The concentration of hazardous waste or hazardous waste constituents in the groundwater?	***************************************	(Con	- 10 10 10 10 10 10 10 10 10 10 10 10 10	***************************************			-
*9.	a s wat	s the owner or operator performed statistical analysis of his ground- ter monitoring data as required in 5.93(b)?	WITH NAME OF THE PARTY OF THE P		<u>X</u>				
*10.	ind	s there a statistically significant crease (or pH decrease) detected in well?		and shareous and statement	<u>X</u>	₹ 			
	ð.	If "yes," has the owner or operator responded in accordance with the procedures prescribed in 265.93 paragraphs c through f?	May be of shakes the first		<u>X</u>				
11.	- WY	Skip to number 14 s the owner or operator prepared a itten groundwater monitoring waiver monstration for the facility?							
	g.	Is the waiver demonstration maintained at the facility?	PAROTEINO						derrottiller-mode
	b.	Has the waiver demonstration been certified by a qualified geologist or geotechnical engineer?				E-Mandage Mandage Mand	parameters are annually life of the 1900	and the second second second second	
Not	2:	Inspectors should request a copy of the waiver document.							

c. Skip questions 12, 13, and 14.

\*These requirements do not take effect until the first 6 months after November 19, 1982. The latest date for compliance with these requirements is May 19, 1983.

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	Section G - OSURE AND PO	721 PF020	<u>KE</u> (Part	: 2 Subpa	rt a)
		YES NO	NI	Remarks	
Closure	265.112			•	
a. Is pla	the facility closure an available for inspection?		-SPAN Editional summer		
b. Doe	es the plan identify:				
i.	maximum extent unclosed dur- ing facility life?	V			
ii.	maximum hazardous waste in- ventory?		***************************************		
iv.	estimated year of closure?	- Lawrence			:
٠ ٧.	schedule of closure activities?	· ·			
c. Has	s closure begun?	beren and a second			
Post-Cl	losure 265.118			·	
	the post-closure plan available r inspection?	Santo (Ffirenating * Diversal	<u> 1/8</u>	4	
b. Doe	es this plan contain:			4	•
i.	description of groundwater monitoring activities and frequencies?	the second second			
<b>ii.</b>	description of maintenance activities and frequencies				
	for				
	AA. integrity of cap, final cover, or containment structures, where applicable				
	BB. facility monitoring equipment	ETT.		Grant Colombia de Servicio e mencado menera	
iii.	name, address, and phone number of person or office to contact during post-closure care perior		nor-majorithy. Primalip-motivation		
с. На	s the post-closure period begun?	and and the second seco			
d. Is	the written post-closure cost timate available? 265.144	Y.,			

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	Section I - USE ID MANGEMENT OF	CONTAINERS	(Par ?65	, Subpart I)
•		YES NO	NI	Remarks
].	Are containers in good condition? 265.171	E STANDER STANDER	· 	
2.	Are containers compatible with waste in them? 265.172	3 portion	· ·	
3.	Are containers managed to prevent leaks? 265.173	Villa -		
4 _	Are containers stored closed?	· land	-	
5.	Are containers inspected weekly for leaks and defects.	Land Section S		
6.	Are ignitable and reactive wastes stored at least 15 meters (50 feet) from the facility property line? (Indicate if waste is ignitable or reactive).	265.176	<u>M</u>	
7.	Are incompatible wastes stored in separate containers? (If not, the provisions of 40 CFR 265.17(b) apply). 265.177		_ UA	
8.	Are containers of incompatible waste separated or protected from each other by physical barriers or sufficient distance?			

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Section	K	e	SURFACE	IMPOUNDMENTS	(Part	265,	Subpart	K)

1	Do	surfac	e ·	impo	unc	dments	have
	at	least	60	CM	(2	feet)	of
	fr	eeboard	1?	265	. 22	22	

- 2. Do earthen dikes have protective covers? 265.223
- 3. Are waste analyses done when the impoundment is used to store a substantially different waste than before? 265.225
- 4. Is the freeboard level inspected at least daily? 265.226
- 5. Are the dikes inspected weekly for evidence of leaks or deterioration?
- 6. Are reactive & ignitable wastes rendered non-reactive or non-ignitable before storage in a surface impoundment? (If waste is rendered non-reactive or non-ignitable, see treatment requirements.) 265.229
- 7. Are incompatible wastes stored in different impoundments? (If not, the provisions of 40 CFR 265.17(b) apply.) 265.230

YES	NO	NI	Remarks
, horas	marrier.		
·			242.22 or 52d
		NA	
- learner			
James Marie	Market Control of the		
CP-90/cronneck riber to	ngridellise (ARTHELINI)	(*************************************	
	•	NA	
N - Golden and Philippe	PP Blow-Po-Golden	tending frame to	
	amoun (ottorwasin)	January Land	

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<u>Sect</u>	ion C: PRE-TRANSPORT REQUIREMENTS (Part 262,	Subpart C	)			·
, <b>,</b> ,	Is waste packaged in accordance with DOT regulations? (Required prior to movement of hazardous waste off-site) 262.30	YES	NO .	NI .	Remarks	
	Are waste packages marked and labeled in accordance with DOT regulations concerning hazardous waste materials? (Required for movement of hazardous waste off-site) 262.31 262.32					
3.	If required, are placards available to transporters of hazardous waste? 262.33			•		
4.	On-site accumulation of generated hazardous was waste it generates either (A) in its storage for with 40 CFR 262.34 [see 265.1(c)(7)]. Option and containers. If the installation elects option Section D. If the installation elects optitions: See 40 CFR 262.34 January 11, 1982 Research	facility [ B restric otion A, c ion B, com	[265. cts a check	1(b)] 11 acc this	or (B) in a cumulation to box TT and	ccordance o tanks skip
	a. Is each container clearly marked with the start of accumulation date?					
	b. Have more than 90 days elapsed since the date inspected in (a)?	systematic control	<u></u>	gaacanadatka	Boundary and April 200	and the second
	c. Do wastes remain in accumulation tanks for more than 90 days?	Managan paganan			·	
	d. Is each container and tank labeled or marked clearly with the words "Hazardous Waste"?					
<u>Sec</u>	tion D: - RECORDKEEPING AND REPORTING (Part 26)	2, Subpar	t D)			
1.	Are all test results and analyses needed for hazardous waste determinations retained for at least three years? 262.40	YES	NO	NI	Remarks	
Sec	tion E: - INTERNATIONAL SHIPMENTS (Part 262, S	ubpart E)				
*	Has the installation imported or exported Hazardous Waste? 262.50		<u> </u>			
	(If answered Yes, complete the following as applicable.)					
	a. Exporting Hazardous waste; has a generator:					

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Mike Stock Lillian J. Guerrera Reza Rejai George Henry (Kack)

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David Slayfor (MONR)

APPENDIX - A

COMPLIANCE CHECKLIST FORMS

#### APPENDIX A-1

## FACILITY INSPECTION FORM FOR COMPLIANCE WITH INTERIM STATUS STANDARDS COVERING GROUND-WATER MONITORING

Company Name: Stanley Tools Div.	_; EPA I.D. Number:
Company Address: 425 Frank St.	_; Inspector's Name: Bavid Slay for
Foulerulle, MI 48	836
Company Contact/Official: Mike Stock	; Branch/Organization:
Title: Managen of Plant Engineering and Environmental Control	; Date of Inspection: 9-15-83
Type of facility: (check appropriately)	Yes No Unknown Waived
<ul> <li>a) surface impoundment</li> <li>b) landfill</li> <li>c) land treatment facility</li> <li>d) disposal waste pile*</li> </ul>	- 4 in series  (settling logovore,  Stren skulge
Ground-Water Monitoring Program	on site from old settling por
<ol> <li>Was the ground-water monitoring program reviewed prior to site visit? If "No",</li> </ol>	•
a) Was the ground-water program reviewed at the facility prior to site inspection?	
2. Has a ground-water monitoring program (capable of determining the facility's impact on the quality of groundwater in the uppermost aquifer underlying the facility) been implemented? 265.90(a)	

<sup>\*</sup>Listed separate from landfill for convenience of identification.

		•	Yes	NO	Unknown
8.		a ground-water sampling and analysis been developed? 265.92(a)		anothericanamentalismonis	4420-eg gyanlinda dilamanda
	b) e)	Has it been followed? Is the plan kept at the facility? Does the plan include procedures		часня комперентиций образований образовании образований образовании образований образовании образований образовании образован	######################################
		<ul> <li>and techniques for:</li> <li>1) Sample collection?</li> <li>2) Sample preservation?</li> <li>3) Sample shipment?</li> <li>4) Analytical procedures?</li> <li>5) Chain of custody control?</li> </ul>		encegypassandererdalffb singegenandfffbladfeb enandelpladffbladfeb	.:
9.	samı	the required parameters in ground-water ples being tested quarterly for first year? 265.92(b) and 265.92 (c)(1)		شسستسيني	
	a)	Are the ground-water samples analyzed for the following:		•	
		<ol> <li>Parameters characterizing the suitability of the ground- water as a drinking water supply? 265.92(b)(1)</li> </ol>			
		<ul> <li>2) Parameters establishing ground-water quality?</li> <li>265.92(b)(2)</li> <li>3) Parameters used as indicators of</li> </ul>			
		ground-water contamination? 265.92(b)(3)		and desirences	
		(i) For each indicator parameter are at least four replicate measurements obtained at each upgradient well for each sample	·	-	
		obtained during the first year of monitoring? 265.92(c)(2)  (ii) Are provisions made to calculate the initial background arithmetic mean and variance of the respective		, distribution of the second s	
		parameter concentrations or values obtained from the upgradient well(s) during the first year? 265.92(c)(2)			
	b)	For facilities which have completed first year ground-water sampling and analys requirements:	sis		
		1) Have samples been obtained and analyze for the ground-water quality parameters at least annually? 265.92(d)(1)		_apparessvinser-sessionals	
		2) Have samples been obtained and analyzed for the indicators of ground-water contamination at least semi-annually? 265.92(d)(2)			

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			•	Yes	No	<u>Unknown</u>
	c)	dete	ground-water surface elevations rmined at each monitoring well each			
•	ď١		a sample was taken? 265.92(e) the ground-water surface elevations		A STATE OF THE PARTY OF THE PAR	
	Ť	moni 265	uated annually to determine whether the itoring wells are properly placed? .93(f)			
	e)	cation of mathematical contractions of the state of the s	was determined that modifi- on of the number, location or depth conitoring wells was necessary, was system brought into compliance with 91(a)? 265.93(f)	NA	· · · · · · · · · · · · · · · · · · ·	
10.	На	sand	outline of a ground-water quality			
	ass		ent program been prepared?		·	
	a)		s it describe a program capable etermining:			
		1)	Whether hazardous waste or hazardous	•	•	
			waste constituents have entered the	/		•
		2) 1	ground water? The rate and extent of migration of			*
			hazardous waste or hazardous waste constituents in ground water?		4 <u>199</u>	•
		3)	Concentrations of hazardous waste or hazardous waste constituents			
			in ground water?			
٠	b)	have	er the first year of monitoring, e at least four replicate measure-			
,		obta	ts of each indicator parameter been ined for samples taken for each ? 265.93(b)		<b>C</b> Mannapa Cinn	
		1)	Were the results compared with the initial background means from the upgradient well(s) determined	,		
			during the first year?			
			(i) Was each well considered	_		
			individually? (ii) Was the Student's t-test used			
			(at the 0.01 level of significance)?			
		2)	Was a significant increase (or pH decrease as well) found in the:			
			(i) Upgradient wells (ii) Downgradient wells If "Yes", Compliance Checklist A-2 must also be completed.			
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#### APPENDIX A-2

# INSPECTION COMPLIANCE FORM FOR A FACILITY WHICH MAY BE AFFECTING GROUND-WATER QUALITY

Company Name: Stanley Tools Div.	; EPA I.D. Number:
Company Address:	; Inspector's Name:
	-
Company Contact/Official:	; Branch/Organization:
fitle:	; Date of Inspection: 9-15-83
Type of facility: (Check appropriately)  a) surface impoundment b) landfill c) land treatment facility d) disposal waste pile  1. Have comparisons of ground-water contamination indicator parameters for the upgradient well(s) 265.93(b) shown a signifi cant increase (or pH decrease as well) over initial background?	Yes No Unknown
<ul> <li>a) If "Yes", has this information been submitted to the Regional Administrate according to 265.94(a)(2)(ii)?</li> <li>b) If No - this checklist is complete.</li> <li>L. Have comparisons of indicator parameters f the downgradient wells 265.93(b) shown a significant increase (or pH decrease as well) over initial background?</li> </ul>	for
<ul> <li>a) If "Yes", were additional ground-water samples taken for those downgradient wells where the significant difference was determined? 265.93(c)(2)</li> <li>1) Were samples split in two?</li> <li>2) Was the significant difference due thuman (e.g., laboratory) error? (If "Yes", do not continue.)</li> </ul>	- pt may .  due to
	- Sampling technique

			Yes	No	Unknown
3.	erro the	gnificant differences were not due to or, was a written notice sent to Regional Administrator within 7 days of firmation?		<del>-</del>	
4.	Adn	hin 15 days of notification of the Regional ninistrator was a certified ground-water qual essment plan submitted? 265.93(d)(2)*	ity		
	a)	Does the plan specify 265.93(d)(3):			•
		1) well information (specifics)		·	
·		<ul><li>(a) number?</li><li>(b) locations?</li><li>(c) depths?</li></ul>	<u>-</u>	}	uses existing wells
		<ul><li>2) sampling methods?</li><li>3) analytical methods?</li><li>4) evaluation methods?</li><li>5) schedule of implementation?</li></ul>			<i>ω</i> (,,,
	<b>b)</b>	Does the plan allow for determination of 265.93(d)(4):			
•		Rate and extent of migration of hazardous waste or hazardous waste constituents?	· ·	•	·
		2) Concentrations of the hazardous waste or hazardous waste constituents?			
	e)	Is it indicated that the first determination was made as soon as technically feasible? 265.93(d)(5)			
	. •	1) Within 15 days after the first determination was a written report containing the assessment of ground-water quality submitted to the Regional			- yet to reach This
		Administrator?	NA		reach This
	d)	Was it determined that hazardous waste or hazardous waste constituents from the facility have entered the ground water?	_NA		step in The process.  Will start
		<ol> <li>If "No", was the original indicator evaluation program, required by 265.92 and 265.93(b), reinstated?</li> </ol>		· ·	in Oct., 198
		(a) Was the Regional Administrator notified of the reinstatement of program within 15 days of the determination? 265.93(d)(6)			

			Yes	No	<u>Unknown</u>
e)	Or	it was determined that hazardous waste hazardous waste constituents have tered the ground water 265.93(d)(7):	٠		
	1)	For facilities where program was implemented prior to final closure, are determinations of hazardous waste or hazardous waste constituents continued on a quarterly basis? (If program was implemented during the post-closure care period, determinal made in accordance with the ground-wallity assessment plan may cease after the first determination.)	tions		ţ
		(a) Were subsequent ground-water quality reports submitted to the Regional Administrator within 15 days of determination?	ty .		
	2)	Were records kept of the analyses and evaluations, specified in the ground- water quality assessment (throughout the active life of the facility)? 265.94(b)(1)	_	*	
,		(a) If a disposal facility, were(are) recokept throughout the post-closure period as well?	ords		
f)	Ad gro	e annual reports submitted to the Region dministrator containing the results of the ound-water quality assessment program? 65.94(b)(2)*			
		Do the reports include the calculated or measured rate of migration of hazardous waste or hazardous waste constituents during the reporting period?	· ·	·	

		•	Yes	No	Unknown	Waive
3.	installe hydraul	least one monitoring well been ed in the uppermost aquifer lically upgradient from the limit waste management area?	V		•	
	fro tat qu (as	e ground-water samples om the uppermost aquifer, represen- tive of background ground-water ality and not affected by the facility s ensured by proper well number, eations and depths?)	· ·	. •		
4.	installe limit of	t least three monitoring wells been d hydraulically downgradient at the f the waste handling or management 265.91(a)(2)	<u>\lambda</u>	,		
	ens sta or the	well number, locations and depths sure prompt detection of any atistically significant amounts of HW HW constituents that migrate from a waste management area to the permost aquifer?		·		
5.	areas b	ne locations of the waste management een verified to conform with infor- in the ground-water program?				
	me	the facility contains multiple waste magement components, is each mponent adequately monitored?	<del></del>			
6.	of the g agree w monitor	numbers, locations, and depths not che ground-water monitoring wells with the data in the ground-water ring system program? , explain discrepancies.	cked			
7.	Well co	empletion details. 265.91(c)		•	<del>.</del>	
	a) b) c)	Are wells properly cased? Are wells screened (perforated) and packed where necessary to enable sampling at appropriate depths? Are annular spaces properly sealed to prevent contamination of ground- water?	<u>/</u> _/ /	Bentoni	gravel par. Le scal	hod

#### APPENDIX -B

GROUND-WATER MONITORING AND ALTERNATE SYSTEM TECHNICAL INFORMATION FORM

11	Unio e	records been kept of analyses for	Yes	<u>No</u>	Unknown
	param 265.94	eters in 265.92(c) and (d)?			
12.	surfac	records been kept of ground-water e elevations taken at the time of ng for each well? 265.94(a)(1)		<del></del> -	
13.		records been kept of required ions in 265.93(b)?			
14.		the following been submitted to the nal Administrator 265.94(a)(2):*			
	pe 15 ar	itial background concentrations of arameters listed in 265.92(b) within days after completing each quarterly halysis required during the first year?			. :
	ed th in	or each well, have any parameters whose encentrations or values have exceeded the maximum contaminant levels allowed drinking water supplies been eparately identified?	. /		
		nnual reports including:		<u>`</u>	
	1)	Concentrations or values of parameters used as indicators of ground-water contamination for each well along with required evaluations under 265.93(b)?			•
	. 2)	Any significant differences from initial background values in up-	<u> </u>		
	3)	gradient wells separately identified? Results of the evaluation of ground-water surface elevations?	<u>/</u>		
			Luim	"Asseem	nert Program

<sup>\*</sup>EPA will be proposing (Spring 1982) to replace this reporting requirement with an exception reporting system where reports will be submitted only where maximum contaminant levels or significant changes in the contamination indicators or other parameters are observed. EPA has delayed compliance stage for 14 a) above until August 1, 1982 (Federal Register, February 23, 1982, p.7841-7842) to be coupled with exception reporting in the interim.

#### APPENDIX B

# GROUND-WATER MONITORING AND ALTERNATE SYSTEM TECHNICAL INFORMATION FORM

1.0	Backgr	ound Data:	
Com	pany Na	me: Stanley 780/5; EPA I.D.#: MII	2099124399
	pany Ad		
•			
			- C- 7
ıns p	ector's N	lame: Bavid Slayton; Date: 9-15	- 8 5
1.1	Туре о	f facility (check appropriately):	
	1.1.1	surface impoundment	
	1.1.2 1.1.3		
-	1.1.4	disposal waste pile	
1.2	Has a ; establi	ground-water monitoring system been shed?	(Y/N) <u>Y</u>
	1.2.1	Is a ground-water quality assessment program outlined or proposed?	(Y/N) <u>Y</u>
		If Yes,	
,	1.2.2	Was it reviewed prior to the site visit?	(Y/N) <u> </u>
1.3		ground-water quality assessment program been nented or proposed at the site?	(Y/N) <u> </u>
•		Appendix C, Ground-Water Quality Assessment am Technical Information Form must be utilized also.	
2.0	Region	nal/Facility Map(s)	
2.1		gional map of the area, with the facility ated, included?	(Y/N) <u>Y</u>
	If yes,		
	2.1.1	What is the origin and scale of the map? (۱۵۵۵)	Topo. Map
	2.1.2	Is the surficial geology adequately illustrated?	(Y/N) /

	2.1.3	Are there any significant topographic or surficial features evident?	(Y/N) <u>/</u>	
	· .	If yes, describe		-
	2.1.4	Are there any streams, rivers, lakes, or wet lands near the facility?	(Y/N) <u> </u>	
		If yes, indicate approximate distances from the facility Red Cedan, borden from lagroom	s.k (260'	
	2.1.5	Are there any discharging or recharging wells near the facility?	(Y/N) <u>/</u>	
	,	If yes, indicate approximate distances from the facility. Facility well (300' + deep)	- proceso water	only
	•			
2.2		gional hydrogeologic map of the area included? nformation may be shown on 2.1)	(Y/N) <u>\</u>	
	If yes:			
	2.2.1	Are major areas of recharge/dishcarge shown?	(Y/N) /	
		If yes, describe.	· · · · · · · · · · · · · · · · · · ·	
	2.2.2	Is the regional ground-water flow direction indicated?	(Y/N) <u> </u>	owand riven
	2.2.3	Are the potentiometric contours logical?  If not, explain.	(ч/и) <u>ү</u>	
	• *			
2.3	Is a fac	cility plot plan included?	(Y/N) <u> </u>	•
	2.3.1	Are facility components (landfill areas, impoundments, etc.) shown?	(Y/N) <u>Y</u>	
	2.3.2	Are any seeps, springs, streams, ponds, or wetlands indicated?	(Y/N) <u>Y</u>	

	2.3.3	Are the locations of any monitoring wells, soil borings, or test pits shown?	(Y/N) <u>/</u>
	2.3.4	Is the facility a multi-component facility?	(Y/N) <u>/</u>
		If yes:	
		2.3.4.1 Are individual components adequately monitored?	(Y/N)
		2.3.4.2 Is a Waste Management Area delineated?	(Y/N)
2.4	Is a sit include	e water table (potentiometric) contour map	(Y/N) <u> </u>
	if yes,		
	2.4.1	Do the potentiometric contours appear logical based on topography and presented	·
•		data? (Consult water level data)	(Y/N) <u>/</u>
	2.4.2	Are groundwater flowlines indicated?	(Y/N) <u> </u>
	2.4.3	Are static water levels shown?	(Y/N) <u>/</u>
	2.2.4	May hydraulic gradients be estimated?	(Y/N) <u>Y</u>
	2.4.5	Is at least one monitoring well located	
		hydraulically upgradient of the waste management area(s)?	(Y/N) <u>Y</u>
	2.4.6	Are at least three monitoring wells located hydraulically downgradient of the waste	U
	-	management area(s)?	(Y/N) <u> </u>
	2.4.7	By their location, do the upgradient wells appear capable of providing representative ambient groundwater quality data?	(Y/N) <u>Y</u>
		If no, explain.	
	• •		

3.0	Soil Bo	oring/Test Pit Details
3.1	Were s	soil borings/test pits made under the supervision salified professional? $(Y/N)$
	If yes,	
	3.1.1	Indicate the individual(s) and affiliation(s):
		Mike Pickett, Ton Van Domelen
		Keck Consulting Sovices.
	3.1.2	Indicate the drilling/excavating contractor, if known Keck
3.2	If soil of drill	porings/test pits were made, indicate the method(s) ing/excavating:
	•	Auger (hollow or solid stem)
	•	Mud rotary
	•	Air rotary
	•	Reverse rotary
	•	Cable tool
	•	Jetting
	•	Other, including excavation (explain)
•		
3.3	List the <b>3.3.1</b>	e number of soil borings/test pits made at the site  Pre-existing /7
	0.002	cabting
	3.3.2	For RCRA compliance
3.4	Indicat diamet	e borehole diameters and depths (if different ers and depths use TABLE B-1).
	3.4.1	Diameter: 678 O.D.
	3.4.2	Depth: Various 22-43
3.5	Were li	thologic samples collected during drilling? $(Y/N) \underline{Y}$
	If yes,	
• .	3.5.1	How were samples obtained? (Check method(s))
		Split spoon
		Shelby tube, or similar
•		Rock coring
		Ditch sampling
	_	• Other (explain)
	٠ ر_	grab scompt
		from auger Plights

1.5.2	At what interval were samples collected?	5.01
	change in formation.	and the same of th
1.5.3	Were the deposits or rock units penetrated described? (boring logs, etc.)	(Y/N) <u> </u>
f test proced	pits were excavated at the site, describe ures	
Well C	ompletion Detail	
	he wells installed under the supervision of a qualified sional?	(Y/N) <u>Y</u>
if yes:		
4.1.1	Indicate the individual and affiliation, if known	
	Mike Pickett, Tom Van Don ele	
	Keck Consulting Services	
4.1.2	Indicate the well construction contractor, if known	Keck
		genesyon-see, annummummum-sto-Sursichib
List th	e number of wells at the site	
4.2.1	Pre-existing <u>39</u>	
4.2.2	For RCRA Compliance	
Well c	onstruction information (fill out INFORMATION E B-2)	
4.3.1	If PVC well screen or casing is used, are joints (couplings):	
•	Glued on Screwed on	
4.3.2	Are well screens sand/gravel packed?	(Y/N) <u> </u>
		Some of wells
		gravel
•		- + 01

#### INFORMATION TABLE 8-1

•	•	
BORING NO.	DEPTH	DIAMETER
B-1A B-1B B-23 B-56 B-78 B-10 B-13 B-14 B-17	aa' (hit rock) 33' 33' 33' 38' 38' 38' 38' 38' 38' 38'	67/2 0.0

	4.3.3	Are annular spaces sealed?	(Y/N) <u>Y</u>
		If yes, describe:	
		bentonite slurry     Cement grout     Other (explain)      Santon; te	0-3',0-5'
		• Thicknesses of seals 3-5'	.  .
	4.3.4	If "open hole" wells, are the cased portions sealed in place?(Y/N)	
		If yes, describe how:	<del>onto the construction of </del>
	4		
	4.3.5	Are there cement surface seals?	(Y/N) <u>//</u>
		If yes,	
		• How thick?	
	4.3.6	Are the wells capped?	(Y/N) Some of Them
•		If yes,	
	•	• Do they lock?	(Y/N) <u>//</u>
	4.3.7	Are protective standpipes cemented in place?	(Y/N) <u>/</u>
	4.3.8	Were wells developed?	(Y/N) <u>Y</u>
		If yes, check appropriate method(s):	
		<ul> <li>Air lift pumping</li> <li>Pumping and surging</li> <li>Jetting</li> <li>Bailing</li> <li>Other (explain)</li> </ul>	2000 i bli.
	,	an left , so much as possible given	low volume of vete
5.0	Aquife	er Characterization	·
5.1		e extent of the uppermost saturated zone er) in the facility area been defined?	(Y/N) <u>Y</u>
	If yes,		
	5.1.1	Are soil boring/test pit logs included?	(Y/N) <u>Y</u>
	5.1.2	Are geologic cross-sections included?	(Y/N) <u>/</u>
		Lprofiles of wells included.	B-6

The state of the s

INFOR	MATION TABLE 8-2	upgradient - downgradient ->				, 1.	", shallow 115	
	·	Majora	cd	6un g 100	liert->	">5ho	w <sup>e</sup>	
	WELL NO.	#7	#5	# 10	# /a			
	GROUND ELEVATION	94,32	94,40	91.45	90.56			
	(Relative to bench mark  TOTAL DEPTH #100 = 97.78	9.66	9.54	8.82	8.49			
	TYPE MATERIAL	galve	mized s	feel -				
6	DIAMETER	a"	2"	ə "	ə "			
CABING	LENGTH	10'	10	10'	10			
WELL C	STICK-UP	a.34 <sup>'</sup>	a.47 <sup>′</sup>	3.18	3,51			
<b>}</b>	TOP ELEVATION	96.66	96.87	94.63	94.07			
	BOTTOM ELEVATION	86.66	86,87	84.64	1			
	DEPTH TOP/BOTTOM	7.66	7,54	683	6,49			
	TYPE MATERIAL	stain	Cess ster	Í	puint			
BCREEN	DIAMETER	ə"	a"	a <b>"</b>	a"			
	LENGTH	ວ′	ລ່	2′	a ′			
WELL	SLOT SIZE	75/07	10.5/04	105/07	75/0+			
	TOP ELEVATION	86.66	86.87	84.64	84.07			
	BOTTOM ELEVATION	84.66	84.87	8a.64	82.07			
Z C	DEPTH TOP/BOTTOM							
OPEN HOLE ON AND/GRAVEL PACK	DIAMETER			a se				
	LENGTH							
	TOP ELEVATION							
8	BOTTOM ELEVATION					. <u> </u>		

NOT PROM MEAN SEA LEVEL

		5.3.2.2	Do the water level fluctuations alter the general ground-water gradients and flow directions?  (Y/N)	overdilingshif (*)
			If yes, - when vive Floods, it may affect groundwater Flow directs ons	
		5.3.2.3	Will the effectiveness of the wells to detect contaminants be reduced? (Y/N)	V.c.—du
	•	,	Explain - if vive does affect grounderater - Keck Consulting is looking into 41	
			- Mack Consulting is looking into 41	<u></u>
		5.3.2.4	Based on water level data, do any head differentials occur that may indicate a vertical flow component in the saturated zone?  (Y/N) /	
	·		If yes, explain generally downward	enes.
				Water Continues
5.4	Have a	quifer hy	vdraulic properties been determined? (Y/N) Y	(6)Authorium
	If yes,		. apostaneou	
	5.4.1	Indicate	= method(s):	
		<ul> <li>Falli</li> </ul>	ping tests ing/constant head tests pratory tests (explain)  - constant / local	
	5.4.2	If deter	mined, what are the values for:	
		<ul><li>Tran</li><li>Store</li><li>Leak</li><li>Pern</li><li>Porc</li></ul>	resmissivity rage coefficient kage meability	
	5.4.3	In cases	s where several tests were undertaken, were ancies in the results evident?  (Y/N) //	/
		If yes,	explain	
	5.4.4	Were ho	orizontal ground-water flow velocities ined? (Y/N)	,
		If yes, i	indicate rate of movement clay 0.016 F4/day	
			Sond 0.64 Ft/day	

5.2		e evidence of confining (low permeability) Deneath the site?  (Y/N)
	If yes,	
	5.2.1	Is the areal extent and continuity indicated? (Y/N)
	5.2.2	Is there any potential for saturated conditions (perched water) to occur above the uppermost aquifer? (Y/N)
		If yes, give details: 3 one being monitored might  be considered perched - shallow sound
		a) Should or is this perched zone being monitored?  Explain
		Explain curently the monitored 3 ore.
	5.2.3	What is the lithology and texture of the uppermost saturated zone (aquifer)? sand sone class, silt, gravel
	5.2.4	What is the saturated thickness, if indicated? $maximum \approx 15'$ usually $\approx 5-10'$
5.3	Were s	tatic water levels measured? (Y/N)
	If yes,	
	5.3.1	How were the water levels measured (check method(s)).
·		<ul> <li>Electric water sounder</li> <li>Wetted tape</li> <li>Air line</li> <li>Other (explain)</li> </ul>
	5.3.2	Do fluctuations in static water levels occur? (Y/N) \( \frac{\frac{\cappa}{N}}{} \)
		If yes,
	. •	5.3.2.1 Are they accounted for (e.g. seasonal, tidal, etc.)? (Y/N)
		If yes, describe: seasonal, possibly river Aluctuation
	•	

6.0	Well Po		
6.1	Are the	e monitoring wells screened in the uppermost aquifer?	(Y/N) <u> </u>
	6.1.1	is the full saturated thickness screened?	(Y/N) <u>//</u>
	6.1.2	For single completions, are the intake areas in the: (check appropriate levels)	
		<ul> <li>Upper portion of the aquifer</li> <li>Middle of the aquifer</li> <li>Lower portion of the aquifer</li> </ul>	2 3 somfavel pack
	6.1.3	For well clusters, are the intake areas open to different portions of the aquifer?	(Y/N) <u>/</u>
	6.1.4	Do the intake levels of the monitoring wells appear to be justified due to possible contaminant density and groundwater flow velocity?	(Y/N) <u>Y</u>
7.0	Ground	i-Water Quality Sampling	
7.1	is a sau	inpling (groundwater quality) program and schedule ed?	(Y/N) <u>Y</u>
7.2	Are sa	mple collection field procedures clearly outlined?	(Y/N) <u>Y</u>
	7.2.1	How are samples obtained: (check method(s))	
		<ul> <li>Air lift pump</li> <li>Submersible pump</li> <li>Positive displacement pump</li> <li>Centrifugal pump</li> <li>Peristaltic or other suction-lift pump</li> <li>Bailer</li> <li>Other (describe)</li> </ul>	
	7.2.2	Are all wells sampled with the same equipment and procedures?	(Y/N) <u>Y</u>
		If no, explain	
•	7.2.3	Are adequate provisions included to clean equipment a sampling to prevent cross-contamination between wells?	ofter  (Y/N) Y  described water

	7.2.4	Are org	anic constituents to be sampled?	(Y/N) /
		If yes,		Men Than 70
		7.2.4.1	Are samples collected with equipment to minimize absorption and volatilization?	(Y/N) <u>Y</u>
		•	If yes,	
			Describe equipment Peristal fix pump directly to contain ses	o (teflon tak
		-	directly to containers	
8.0	Sample	e Preserva	ation and Handling	
8.1	proced	appropriat lures been appropria	e sample preservation and preparation followed (filtration and preservation te)?	(Y/N) <u>Y</u>
8.2	Are sa	mples ref	rigerated?	(Y/N) <u></u>
8.3	Are El adhere	PA recomi d to?	mended sample holding period requirements	(Y/N) <u>\</u>
8.4	Are su	itable con	tainer types used?	(Y/N) Y
8.5	Are pro	ovisions m onditions (	nade to store and ship samples under ice packs, etc.)?	(Y/N) <u> </u>
8.6	Is a ch	ain of cus	tody control procedure clearly defined?	(Y/N) <u>\\</u>
8.7	Is a spe	ecific cha	in of custody form illustrated?	(Y/N) <u>Y</u>
	If yes,			
	8.7.1	sample p	form provide an accurate record of possession from the moment the sample until the time it is analyzed?	(Y/N) <u>Y</u>
9.0	Sample	Analysis	and Record Keeping	
9.1	Is samp	ole analysi	is performed by a qualified laboratory?	(Y/N) <u>Y</u>
	Indicat	e lab	ERG, Ann Arbor	
9.2	Are ana	alytical m	ethods described in the records?	(Y/N) <u>//</u>
	9.2.1	Are anal	ytical methods acceptable to EPA?	(Y/N) <u>Y</u>
9.3	Are the tested	required for?	drinking water suitability parametters	(Y/N) <u> </u>
9.4	Are the	required	groundwater quality parameters tested for?	(Y/N) Y

9.5	Are the paramet	(Y/N) <u>/</u>					
9.6	Are any	(Y/N) <u>/</u>					
	Identify	e •					
	• Spec	perature ific conductance er (describe)					
9.7		n included to record information about each sample ed during the groundwater monitoring program?	(Y/N) <u>Y</u>				
-	9.7.1	Are field activity logs included?	(Y/N) <u>Y</u>				
	9.7.2	Are laboratory results included?	(Y/N) <u> </u>				
	9.7.3	Are field procedures recorded?	(Y/N) /				
	9.7.4	Are field parameter determinations included?	(Y/N) <u>/</u>				
•	9.7.5	Are the names and affiliation of the field personnel included?	(Y/N) <u> </u>				
9.8	Are sta quality	(Y/N) <u>Y</u>					
	9.8.1	Is an analysis program set-up which adheres to EPA guidelines?	(Y/N) <u>Y</u>				
•	9.8.2	Is Student's t-test utilized? If other evaluation procedure used, identify	(Y/N) <u>/</u>				
	9.8.3	Are provisions made for submitting analysis reports to the Regional Administrator?	(Y/N) <u>Y</u>				
10.0	Site Verification						
10.1	Plot Plan indicating the locations of various facility components, ground-water monitoring wells, and surface waters?  (Y/N)						
	10.1.1	Is the plot plan used for the inspection the same as in the monitoring program plan documentation?	in (Y/N) <u>Y</u>				
	•	If not, explain	and the control of th				
		-					

10.1.2	Are all o during the documen	f the components of the facility identified le inspection addressed in the monitoring progr tation?	eam (Y/N)	γ
	If not, ex	cplain		
10.1.3		e any streams, lakes or wetlands on or to the site?	(Y/N)	Y
	If yes, in	dicate distances from waste management area	s glc_	<u>~~</u>
10.1.4		e any signs of water quality degradation n the surface water bodies?	(Y/N)	N
	If yes, ex	cplain		
10.1.5		any indication of distressed or dead on on or adjacent to the site?	(Y/N)	N
	If yes, ex	cplain		
	<del></del>			<u>-</u>
10.1.6	features or discha	e any significant topographic or surficial on or near the site (e.g., recharge areas)?	(Y/N)	
	If yes, ex	eplain river is probably desch	angi 1	overt
10.1.7	·	monitor well locations and numbers in nt with the monitoring program tation?	(Y/N)	Y
	If no, ex	plain		<del></del>
	10.1.7.1	Were locations and elevations of the monitor wells surveyed into some known datum?	(Y/N)	
		If not, explain hot to mean sequence		·

	10.1.7.2	Were the wells sounded to determine total depth below the surface?	(Y/N) <u>N</u>			
		If not, explain no equipment to do				
	10.1.7.3	Were discrepancies in total depth greater tha two feet apparent in any well?  If yes, explain	(Y/N)			
10.1.8	wells?	and water encountered in all monitoring	(Y/N)			
10.1.9	Were wa	ter level elevations measured during the site	(Y/N)			
	If yes, in	If yes, indicate well number and water level elevation				
	If not, ex	xplain				

## APPENDIX - C

GROUND-WATER QUALITY ASSESSMENT PROGRAM INFORMATION FORM

#### APPENDIX C

## GROUND-WATER QUALITY ASSESSMENT PROGRAM INFORMATION FORM

Com	ipany Na	ame: Stande Tools ; EPA L.D.#:	
	ipany Ac	,	6
Insp	ector's N	Name: David Slay for ; Date: 9-15-83	_
1.0	Backgro	ound	
4-4	waste n	e constituents (contaminants) originating from the nanagement area: (use separate sheet ssary > Copper Nichel Sinc Chrone Commune Lead, Cadrium Raisem Silver Selevium	-:de
1.2	waste c	the concentrations of the hazardous waste or hazardous constituents shown significant increases in:  gradient monitoring wells  wngradient monitoring wells $(Y/N) \frac{\sqrt{Y}}{Y}$	
	• do:	List or indicate on a map, the wells which have shown significant increases: (use separate sheet if necessary)	70 C TO H
		04-12: pH, TOC	
	determ	he significant increases in contaminant concentration ined through the use of the student's t-Test? (Y/N)	
	If no,	Explain procedure used	
1.4	Has the	e possibility of error (e.g., laboratory) been eliminated? (Y/N)	
	1.4.1	Explain - resampled and Split	
		- pH may be due to sampling technique,	

If available, list the chemical and physical properties of the contaminants which have been detected in the ground water: (density, solubility, etc.). Include on a separate sheet if list is extensive	Contar	ninant Characteristics
Has the extent of the migration of hazardous waste or hazardous waste constituents been determined?  If yes,  3.1.1 Indicate how: (check appropriate method(s))  • additional ground-water monitoring wells • geophysical methods • computer simulation • other, explain  Were monitoring wells installed?  (Y/N)  If yes,  3.2.1 Record monitoring well/peizometer completion data on INFORMATION TABLE (wells added)  C-1.  See Table B-1 for  3.2.2 Were well clusters (nests) used or were wells with multiple intake areas constructed? Give details	of the ground	contaminants which have been detected in the water: (density, solubility, etc.). Include on a
hazardous waste constituents been determined?  If yes,  3.1.1 Indicate how: (check appropriate method(s))  • additional ground-water monitoring wells • geophysical methods • computer simulation • other, explain  Were monitoring wells installed?  (Y/N)  If yes,  3.2.1 Record monitoring well/peizometer completion data on INFORMATION TABLE (wells added)  C-1.  See Table B-1 for a constructed? Give details  Wo	<u>Implem</u>	entation of the Assessment Program
additional ground-water monitoring wells  e geophysical methods computer simulation other, explain  Were monitoring wells installed?  If yes,  3.2.1 Record monitoring well/peizometer completion data on INFORMATION TABLE (wells added) C-1.  See Table B-1 for  3.2.2 Were well clusters (nests) used or were wells with multiple intake areas constructed? Give details		extent of the migration of hazardous waste or ous waste constituents been determined? (Y/N)
additional ground-water monitoring wells  e geophysical methods computer simulation other, explain  Were monitoring wells installed?  If yes,  3.2.1 Record monitoring well/peizometer completion data on INFORMATION TABLE (wells added) C-1.  See Table B-1 for added with multiple intake areas constructed? Give details  No	_	going to
wells  geophysical methods  computer simulation  other, explain  Were monitoring wells installed?  (Y/N)  If yes,  3.2.1 Record monitoring well/peizometer completion data on INFORMATION TABLE (wells added)  C-1.  See Table B-1 for  3.2.2 Were well clusters (nests) used or were wells with multiple intake areas constructed? Give details  No	3.1.1	Indicate how: (check appropriate method(s))
3.2.1 Record monitoring well/peizometer completion data on INFORMATION TABLE (wells added) C-1.  See Table B-1 for  3.2.2 Were well clusters (nests) used or were wells with multiple intake areas constructed? Give details  No		<ul> <li>wells</li> <li>geophysical methods</li> <li>computer simulation</li> </ul>
3.2.1 Record monitoring well/peizometer completion data on INFORMATION TABLE (wells added) C-1.  See Table B-1 for 3.2.2 Were well clusters (nests) used or were wells with multiple intake areas constructed? Give details  No	Were m	onitoring wells installed? (Y/N) _ ~
3.2.1 Record monitoring well/peizometer completion data on INFORMATION TABLE (wells added) C-1.  See Table B-1 for 3.2.2 Were well clusters (nests) used or were wells with multiple intake areas constructed? Give details  No	If yes,	using s
3.2.2 Were well clusters (nests) used or were wells with multiple intake areas constructed? Give details	3.2.1	Record monitoring well/peizometer completion data on INFORMATION TABLE
3.2.3 Show the numbers and locations of the additional	3.2.2	Were well clusters (nests) used or were wells with multiple intake areas constructed? Give
3.2.3 Show the numbers and locations of the additional		
wells/peizometers on a site map.	3.2.3	Show the numbers and locations of the additional in Ascessment wells/peizometers on a site map.
3.2.4 Are the locations of the wells/piezometers justified in view of the water table or potentiometric surface map?  Give details doing one most unggedont, and and amore down specifies to plus 2	3.2.4	Are the locations of the wells/piezometers justified in view of the water table or potentiometric surface map?  Give details doing one most unggodent, and

A INFORMATION TABLE C-1

4 wells, added (to the existing 4)
For sampling in Assessment program

shallow wells

T.		041					<u> </u>
A CONTRACTOR OF THE CONTRACTOR	WELL NO.		062	049	04 11		
	GROUND ELEVATION	96.80	93.68	93.77	95.19	, and the second	
	TOTAL DEPTH	15.11	9.73	8,96	14.27		
	TYPE MATERIAL	Galua	mized s	Le (			
9	DIAMETER	a"	a"	a "	a <b>*</b>		Salara ya kata ka
CABING	LENGTH	14'3"	10'	10'	15'		
WELL (	STICK-UP	1.14	2,27	3,04	2.73		
*	TOP ELEVATION	97.94	95.95	96.81	97.92		
	BOTTOM ELEVATION	83.69	85,95	86.81	82.92		
	DEPTH TOP/BOTTOM	13.11 15.11	7,73	6.90	12.87 14.87		
	TYPE WATERIAL	stau	, "	cteel			
8 CREEN	DIAMETER	a"	a"	ລ້	ລ *		
<b>P</b> 1	LENGTH	ລ'	2	2′	ລ້		
13	SLOT SIZE	10-slot	105104	105/04	10-50		
	TOP ELEVATION	83,69	85,95	86.81	82.92		
	BOTTOM ELEVATION	81.69	83 <i>95</i>	84.81	80,92		
OPEN HOLE OR SAND/GRAVEL PACK	DEPTH TOP/BOTTOM	10/15					
	DIAMETER	6"	6"			W. Carlon	
	LENGTH	5	a				
OPE!	TOP ELEVATION	86,80	86.68				
9	BOTTOM ELEVATION	81,80	84,68				

3.2.5	Are the depths of the monitoring wells/ piezometers justified due to the relative
	characteristics (e.g., densities) of the contaminants? (Y/N)
	Give details monitored zone relatively This
	to begin with.
3.2.6	List any other methods (e.g., soil sample analysis)
	used to document the extent of the contamination.
	(use separate sheet if necessary) Surface water Samplin
Has th	e rate of contaminant migration been determined? (Y/N) Non
If yes	what is it and how was it determined?
m yes,	what is it and now was it determined;
3.3.1	Does the rate of migration differ for various
	contaminants? (Y/N)
	Give details
	,
<b>.</b>	
3.3.2	
3.3.2	If known, what is the cause (reason) of (for) this differential in migration rates?
3.3.2	

# APPENDIX - D WAIVER DEMONSTRATION TECHNICAL INFORMATION FORM

### APPENDIX D

#### WAIVER DEMONSTRATION TECHNICAL INFORMATION FORM

Соп	ipany Na	ame:	; EPA ID.#:	_; EPA ID.#:			
Ċom	ipany Ad	ddress:		· .			
inspe	ector's ì	  Name:	; Date:				
-							
1.0	Site C	haracteri:	zation				
	showir		J.S.G.S., 7.5 min. Topographic Quadrangle Nocation with water supply wells near the ed.	Map, or similar)			
	1.0.1	Are the	re discharging wells near the facility?	(Y/N)			
		If yes, g	rive distances to wells				
			-				
		1.0.1.1	Which aquifers in the vicintiy provide wat supplies?				
		1.0.1.2	What is the estimated withdrawal (diversi rate from these aquifers?				
	1.0.2	Are the	re any streams, rivers, or lakes near lity?	(Y/N)			
	•	1.0.2.1	If so, indicate approximate distances from the facility.				
			·				
1.1	Region	nal Hydro	geologic/Surficial Geologic Map	•			
	1.1.1	Is the su	(Y/N)				
•	1.1.2	Are areas of recharge/discharge shown? (Y/N)					
	1.1.3	Is region	nal groundwater flow direction indicated?	(Y/N)			
•	1.1.4	Are the water table or potentiometric contours logical? (Y/N)					

1.2	facility	compone	(scale at least 1" = 200"), showing the locations ents (e.g., surface impoundments, and disposal ndwater monitoring wells, springs, seeps, strea				
	1.2.1	Is the fa	cility a multi-component facility?	(Y/N)			
	1.2.2		are locations of test borings (or pits) and observation vells shown?				
	đ	1.2.2.1	Are borings, pits, or wells located in or near the waste management area?	(Y/N)			
			If yes,				
		<b>1.2.2.2</b>	Do the borings, pits, or wells appear to be of such number, and depth to adequately characterize the substrate?	.(Y/N)			
			Give brief detail				
			philidis + 40-thnose characteristic and the control of the control				
	970 <sub>0</sub> 4						
1.3	Boring	Logs and	Geologic Cross Sections				
	1.3.1	Are ther	re logs of the borings or test pits?	(Y/N)			
	1.3.2	How are (check a					
	•	1.3.2.1	Unified Soil Classification System				
		1.3.2.2	U.S.D.A. Soil Classification System				
	:	1.3.2.3	Burmeister Classification System				
-	•	1.3.2.4	Other (explain)				
		•		<u></u>			
	1.3.3	Are geo	logic cross-sections included?	(Y/N)			
	1.3.4	Is there layers b	(Y/N)				
2.0	Waste	Characte	rization				
2.1			naterial been stabilized in any way to preclude leachate being generated?	(Y/N)			
	If yes,	briefly ex	plain methods				
			•				

	the facility design to minimize the migration of hate?  s, briefly explain	(Y/N) _
Wat	er Balance	
Is pr	ecipitation data included?	(Y/N)_
3.1.	How is it tabulated? (check one)	
	<ul> <li>Daily</li> <li>Weekly</li> <li>Monthly</li> <li>Annually</li> </ul>	,
3.1.2	Source of data (check one)	
	<ul> <li>U.S. Weather Service</li> <li>State Agency</li> <li>Other Source</li> <li>Identify</li> </ul>	·
3.1.3	Length of record, in years	
3.1.4	Distance of measuring point from the facility	
<b>v</b>	tual evapotranspiration (AET) data included?	(Y/N)
is ac	than Crapon and phracton (1121) data mended.	
3.2.1	•	(Y/N) _
•	•	-
3.2.1	Is the source of AET data indicated?	(Y/N) _
3.2.1 Is ru	Is the source of AET data indicated?  If yes, give reference	(Y/N) _
3.2.1 Is ru 3.3.1	Is the source of AET data indicated?  If yes, give reference  n-off calculated?	(Y/N) _ (Y/N) _ (Y/N) _
3.2.1 Is ru 3.3.1	Is the source of AET data indicated?  If yes, give reference  n-off calculated?  Is the technique referenced?	(Y/N) _ (Y/N) _ (Y/N) _
3.2.1 Is ru 3.3.1	Is the source of AET data indicated?  If yes, give reference  n-off calculated?  Is the technique referenced?  If yes, give reference	(Y/N)

CALL SECTION IN

I	Is there	e a positive net infiltration recorded?	(X\N)					
	If yes,	how much?						
)	Unsatu	Unsaturated Zone Characteristics						
•	zone w	e applicant demonstrated that the unsaturated ill isolate any waste derived leachate from the water chemically or physically?	(Y/N)					
	Briefly	describe mechanism(s)						
	Physica	al Properties	Emmiliermingstademmic-makin-wi-francistiermine					
	4.2.1	Has the applicant defined the unsaturated thickness and areal variability?	(Y/N)					
		Briefly describe	Alemania de la composición de la compo					
	4.2.2	Has the primary and secondary porosity (if any) of the unsaturated zone been determined?	(Y/N)					
		Briefly describe						
	4.2.3	Have hydraulic conductivity curves for each sediment type comprising the unsaturated zone been established?	(Y/N)					
	4.2.4	Have textural analyses been performed?	(Y/N)					
	4.2.5	Have bulk densities been estimated?	(Y/N)					
3	Chemi	cal Properties						
	4.3.1	Has cation exchange been cited as an attenuation means?	(Y/N)					
		If yes,						
	-	4.3.1.1 Type of clay						
		4.3.1.2 Percent of clay						
		4.3.1.3 Percent of organics						
		4.3.1.4 pH of materials						

The transfer of the State of the second of t

	4.3.2	adequately explained?	(Y/N)
	ř	If yes, cite mechanism:	•
	-	4.3.2.1 Biodegradation	
		4.3.2.2 Complexation	
		4.3.2.3 Precipitation	
		4.3.2.4 Chelation	
		4.3.2.5 Other	
5.0	Satura	ated Zone Physical Characteristics	·
5.1	Have t	the saturated zone hydrologic properties been mined?	(Y/N)
	If yes, approp	, were pumping tests performed to determine (che priate determinations and give results)	ck
	5.1.1	Transmissivity	·
	5.1.2	Hydraulic Conductivity	
	5.1.3	Storage Coefficient	
	5.1.4	Leakage	
5.2	How m	nany tests were performed?	•
	5.2.1	The duration(s) of test(s)	
	5.2.2	The length(s) of the recovery test(s)	
5.3	Were o	other <u>insitu</u> tests performed?	(Y/N)
	(check	appropriate tests)	
	5.3.1	Falling head tests	
	5.3.2	Constant head tests	
	5.3.3	Packer tests	•
	5.3.4	Other	
	•	Explain	
5.4	Was th	e saturated thickness determined?	(Y/N)

5.5	Are sta	tic water level measurements included?	(Y/N)
5.6	is a site	e water table (equipotential) contour map included?	(Y/N)
	5.6.1	Does the contour map appear logical based on the presented data and topography?	(Y/N)
·	5.6.2	Are groundwater flowlines indicated?	(Y/N)
	5.6.3	Are hydraulic gradients included?	(Y/N)
	5.6.4	Are flow velocities included?	(Y/N)
5.7	Is there	any indication of vertical flow in the saturated zone?	(Y/N)
5.8	Saturat	ted Zone Chemical Properties of Ground Water	
•	5.8.1	Have water quality analyses been performed to establish background data?	(Y/N)
	5.8.2	Does background information indicate that the aquifer may be degraded in any way?	(Y/N)
6.0	Compu	ter Modeling	•
6.1	Wasa	computer simulation utilized in the demonstration?	(Y/N)
	Check	appropriate model:	
	6.1.1	Mass transport	
-	6.1.2	Flow model	
6.2	Type of	f model? (check appropriate type)	,
	6.2.1	Numerical	
	6.2.2	Analytic	
	6.2.3	Reference for model?	
	6.2.4	Does the data appear to warrant the use of modeling techniques?	(Y/N)
		If not, explain	·

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# RCRA Inspection Report

EPA Identification Number: M I D 0 9 9 1 2 4 2 9 9	<u>q</u>
Installation Name: STANLEY TOOLS _ DIV. OF STANLEY 1	WORKS
Location Address: 425 Frank St.	
city: Fowlerville State: Michigan 48836,	
Date of inspection: $1-16-13$ Time of inspection (from) 10:50 H(t	to) 12:30
Person(s) interviewed Title Telephone	
GLAGRE M. STOCK PERMIT ENGINEER 517-37	3-9154
Rezu. Rejaei Chemist 517-723	3-915-4
Inspector(s)  606 BASCH  Mich District Survivor (517)  Hilla Navigen  Mich DNR / Env. Eng. (517)	322 <u>-1300</u> 322-1687
608 BASCH Mich DNR / District Surewico (517)	322-1687
Hier Navagen Mich DNR / District Supervisor (517)  Hier Navagen Mich DNR / Env. Eng. (517)	322 - (687 Form(s)
Hich Naviger Mich DNR DNR Exp. (517)  Mich DNR Exp. (517)  Installation Activity (mark only one box)  Inspection  Treatment/Storage/Disposal per 40 CFR 265.1 and/or	322 - (687 Form(s)
High Normal Mich DNR / Exp. Eng. (517)  Installation Activity (mark only one box)  Ireatment/Storage/Disposal per 40 CFR 265.1 and/or Generation and/or Transportation  Treatment/Storage/Disposal (no generation or Transportation)	322 - (687 Form(s)
High Normal Mich DNR / Exp. Eng. (517)  Installation Activity (mark only one box)  Ireatment/Storage/Disposal per 40 CFR 265.1 and/or Generation and/or Transportation  Treatment/Storage/Disposal (no generation or Transportation)	322 - (627 Form(s) A

	:			
				٠.
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## STANLEY TOOLS

DIVISION OF THE STANLEY WORKS
425 FRANK STREET, P. O. BOX 829, FOWLERVILLE, MICHIGAN 48836

(517) 223-9154

August 17, 1983

Mr. Hien Q. Nguyen Hazardous Waste Division Dept. of Natural Resources P.O. Box 30028 Lansing, Mi. 48909

Dear Mr. Nguyen:

As per your request during your visit to this facility on August 16, 1983 for our annual inspection, I am notifying you the Ground Water Quality Assessment Plan which was prepared for the Region V E.P.A. has been forwarded to Mr. D. Rector.

Sincerely,

STANLEY TOOLS DIVISION FOWLERVILLE PLANT

A. M. Stock

Mgr. of Plt. Eng. & Envir. Control

/alk

ALIG TO 1983 SWOD-Lansing District



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#### INSPECTION FORM A

#### Section A: SCOPE OF INSPECTION.

- Interim status standards for treatment storage or disposal of HAZARDOUS WASTES SUBJECT TO 40 CFR 265.1. Complete Inspection Form A sections B, C, D, E, and G.
- Place an "X" in the box(es) corresponding to the facility's treatment, storage and disposal processes, and generation and/or transportation activity (if any). Complete only the applicable sections and appendixes.

	Permit	appli	cation	process(es) (EPA Form 3510-3) Ins	pection Form A	section(s)
		S01	IV.	storage in containers		
		S02		storage in tanks		J :
		T01		treatment in tanks		J_
		S04	H	storage in surface impoundment		K,F
		T02	IF	treatment in surface impoundment		K,F
		D83	II	disposal in surface impoundment		K,F
		\$03	П	storage in waste pile		·L
		D81	П	disposal by land application		M,F
t		D80		disposal in landfill	:	N,F
		T03		treatment by incineration	•	0/P
		T04		treatment in devices other than tank impoundments, or incinerators	cs, surface	Q
Othe	er activ	/ities				
	GENE	RATOR	I		APPENDIX (	GN
	TRANSF	ORTER	II		APPENDIX	TR

 Indicate any hazardous waste processes, by process code, which have been omitted from Part A of the facility's permit application.

NONE

4. Indicate any hazardous waste processes (by process code and line number on EPA Form 3510-3 page 1 of 5) which appear to be eligible for exclusion per 40 CFR 265.1(c). Provide a brief rationale for the possible exclusion.

NONE

	Section B: GENERAL FACT	LITY STANUARUS: (Part	. 205 Subpart B)	
1.	Has the Regional Administrator been notified regarding: 265.12	YES NO NI*	Remarks	
	a. Receipt of hazardous waste from a foreign source?			
	b. Facility expansion?	NA -	ho chango	
_	c. Change of owner or operator?			
2.	General Waste Analysis: 265.13			
	a. Has the owner or operator obtaine a detailed chemical and physical analysis of the waste?	ed		
	b. Does the owner or operator have a detailed waste analysis plan on file at the facility?	<u> </u>		PART A
	c. Does the waste analysis plan specify procedures for inspection and analysis of each movement of hazardous waste from off-site?		*	
3.	Security - Do security measures inclu (if applicable) 265.14	ude:		
	a. 24-Hour surveillance?			
	b. i. Artificial or natural barrier around facility?			·
	<pre>ii. Controlled entry?</pre>			·
	<pre>c. Danger sign(s) at   entrance?</pre>			
4.	Owner or operator inspections: 265.1	5		
	a. Does the owner or operator inspect the facility for malfunctions, deterioration, operator errors, and dischanges of hazardous waste that may affect human health or the environment?			

\*Not Inspected

						er and a second		医二氢丁酰胺氏菌 语节 化		in the second
	b.	have	s the owner or e an inspection the facility?			<u>/</u> _				
	c.	If the	so, does the sc inspection of ms:	hedule address the following				Ground u	ater mo	i fait
		i.	monitoring equ	ipment?			· · · · · · · · · · · · · · · · · · ·	Lone 6	A more	۲)
	. 1.	; i ,	safety and eme	rgency equipment	?			( will	twitte	<u> </u>
1		iii.	security devic	es?				- Seteri		
		iv.		structural equip es, pumps, etc.)				北京区上		once
		V .	for during the	ems to be looked e inspection (e.g defective pump,				a Mi	inch 1	
		vi.		equency (based up deterioration rat ent)?		<u> </u>				
	d.		areas subject daily when in u	to spills inspects:	ct-	<u> </u>		· · · · · · · · · · · · · · · · · · ·	· -	
	€.	an	s the owner or inspection log er or operator		in				-	
			s the inspection	on log contain th	he					
	-	i.	the date and t	time of the inspe	ection?	<u> </u>	<del></del>		·	
		ii.	the name of th	ne inspector?		<u> </u>				
		iii.	a notation of made?	the observation	S	<u>/</u>				
		iv₊	the date and merepairs or re	nature of any nedial actions?		8,100				
5.	Do perso		training record	ds						
	a.	. Job	titles?		•				· · · · · · · · · · · · · · · · · · ·	
	, b	. Job	descriptions?		.:	1/	· · ·			

YES NO NI

Remarks

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				Vend I V 2
	C *	Description of training?		
	d.	Records of training?		
	₽.	Did facility personnel receive the required training by 5-19-81?		
	f.	Do new personnel receive required training within six months?	NA	
	·G.	Do personnel training records indicate that personnel have taken part in an annual review of initital training?		
5 .	req	required, are the following special uirements for ignitable, reactive, incompatible wastes addressed? 265.1	; ; 7	
	ā.	Special handling?	NA_	
	b.	No smoking signs?	NA	
	C,	Separation and protection from ignition sources?	NA	-

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## Section C: PREPAREDNESS AND PREVENTION: (Part 265 Subpart C)

	Maintenance and Operation of Facility: 265.31  Is there any evidence of fire, explosion, or release of hazardous waste constituent?	Remarks
2.	If required, does the facility have the following equipment: 265.32	
	a. Internal communications or alarm systems?	
	b. Telephone or 2-way radios at the scene of operations?	
	c. Portable fire extinguishers, fire control, spill control equipment and decontamination equipment?	
	Indicate the volume of water and/or foam available for fire	e control:
3.	Testing and Maintenance of Emergency Equipment: 265.33	
	a. Has the owner or operator established testing and maintenance procedures for emergency equipment?	other contactor
	b. Is emergency equipment maintained in operable condition?	equipment.
4.	Has owner or operator provided immediate access to internal alarms? (if needed) 265.34	
5.	Is there adequate aisle space for unobstructed movement?	
6.	Has the owner or operator attempted to make arrangements with local authorities in case of an emergency at the facility?	

(Part 265 Subpart D) YES NO ΝI Remarks Does the Contingency Plan contain the following information: The actions facility personnel must take to comply with 5265.51 and 265.56 in response to fires, explosions, or any unplanned release of hazardous waste? (If the owner has a Spill Prevention, Control, and Countermeasures (SPCC) Plan, he needs only to amend that plan to incorporate hazardous waste management provisions that are sufficient to comply with the requirements of this Part (as applicable.) Arrangements agreed by local police departments, fire departments hospitals, contractors, and State and local emergency response teams to coordinate emergency services pursuant to §265.37? c. Names, addresses, and phone numbers (office and home) of all persons qualified to act as emergency coordinators? A list of all emergency equipment at the facility which includes the location and physical description of each item on the list and a brief outline of its capabilities? An evacuation plan for facility personnel where there is a possibility that evacuation could be necessary? (This plan must describe

signal(s) to be used to begin evacuation, evacuation routes, and alternate

evacuation routes?)

emergency organizations?

Are copies of the Contingency Plan available at the site and local

4.	•						
						-	
							1
		•					1
•							
							1
							1
							:
		· ·					
					•		
			•				

YES NO NI Remarks

- 3. Emergency Coordinator 265.55
  - a. Is the facility Emergency Coordinator identified?
  - b. Is coordinator familiar with all aspects of site operation and emergency procedures?
  - c. Does the Emergency Coordinator have the authority to carry out the Contingency Plan?
- 4. Emergency Procedures 265.56

If an emergency situation has occurred at this facility, has the Emergency Coordinator followed the emergency procedures listed in 265.56?

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## Section E: MANIFEST SYSTEM, RECORDKEEPING, AND REPORTING: (Part 265 Subpart E)

				YE:	s no	NI	Remarks		
**	].	Use	of Manifest System 265.71						
		a. ·	Does the facility follow the procedures listed in §265.71 processing each manifest? (Particularly sending a copy	of					<u>/</u> :-
			the signed manifest back to t generator within 30 days afte delivery.)						
		b.	Are records of past shipments retained for 3 years?		· · · · · · · · · · · · · · · · · · ·	· ·		· · · · · · · · · · · · · · · · · · ·	
ार्ज		req	s the owner or operator meet uirements regarding manifest crepancies? 265.72	. · ·			<u> </u>		
in white	of	on-s	licable to owners or operators ite facilities that do not any waste from off-site sourc	es.		erene er			
	3.	Ope	rating Record 265.73					*	
	٠.	दें क ें	Does the owner or operator maintain an operating record as required in 265.73?	· · · · · · · · · · · · · · · · · · ·			•		- : · · · · · · · · · · · · · · · · · ·
		b.	Does the operating record contain the following information:						
			i. The method(s) and date(s) of each waste's treatment storage, or disposal as required in 40 CER Part 2 Appendix 1?		A	. <u> </u>	Donat wester	j.	eff-orte
-			ii. The location and quantity each hazardous waste with facility? (This informat should be cross-reference to specific manifest numb if waste was accompanied by a manifest.)	in the ion d er,	A				

\*\*\*iii. A map or diagram of each cell or disposal area

<sup>\*\*\*</sup> only applies to disposal facilities

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showing the location and quantity of each hazardous waste? (This information should be cross-referenced to specific manifest number, if waste was accompanied by a manifest.)

- iv. Records and results of all waste analyses, trial tests, monitoring data, and operator inspections?
- v. Reports detailing all incidents that required implementation of the Contingency Plan?
- vi. All closure and post closure costs as applicable?
- 4. Availability of Records 265.74

Are all facility records required under 40 CFR Part 265 available for inspection?

- 5.\*\*Unmanifested Waste Reports 265.76
  - a. Has the facility accepted any hazardous waste from an off-site generator subject to 40 CFR 262.20 without a manifest or or shipping paper?
  - b. If "a" is yes, provide the identity of the source of the waste and a description of the quantity, type, and date received for each unmanifested hazardous waste shipment.

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<sup>\*\*</sup> Not applicable to owners or operators of on-site facilities that do not receive any hazardous from off-site sources.

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### Section F - GROUNDWATER MONITORING (Part 265 Subpart F)

Complete this section for facilities that treat, store, or dispose of hazardous waste in landfills, surface impoundments and/or by land treatment.

] -					of the
					ound-
	water	monitor	ing sy:	stem?	265.90

NI

YES NO

If "no". Skip to number 11.

2. Has the owner or operator of the facility implemented an alternate groundwater monitoring system as described in 265.90(d)?

Remarks

If "yes", skip to number 12. If "no", continue

- 3. Does the groundwater monitoring system meet the following requirements of 265.91:
  - At least one well installed hydraulically up-gradient from the limit of the waste management area?

Indicate the total number of up-gradient wells.

b. At least three wells installed hydraulically down-gradient at the limit of the waste management area?

Indicate the total number of . downgradient wells.

c. Are the number, locations, and depths of all wells sufficient to yield groundwater samples that are representative of groundwater under the facility?

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		Sketch the locations of the wells relative to the waste management area.							*	M
					*	3				
			YES	МО	NI		Remarks	3		
	d.	Are the monitoring wells constructed in accordance with 265.91(c) (e.g. properly cased, screened, etc.)?	<u> 4</u>		***************************************					
4.	dev wat pla	the owner or operator eloped a written ground- er sampling and analysis n that includes procedures techniques for: 265.92								
	a	Sample collection?	1/						<del></del>	
	b.	Sample preservation and shipment?	<u> </u>		**********		**************************************			
	C.	Analytical procedures?		· ·		÷		·		
	d.	Chain of custody control?	<u>J</u> .					······································	**************************************	
5.	fol	s the owner or operator low his groundwater sampling lanalysis plan?		, <del> </del>	***************************************					
6.	ana	the groundwater sampling and alysis plan maintained at the cility?	<u>/</u>			p.			· · · · · · · · · · · · · · · · · · ·	
7.	mir of par and	the owner or operator deterned the concentration or value all the groundwater monitoring cameters of 265.92(b) in accordace with paragraphs c and d of 5.92?	<u> </u>	/ <u>-</u>			***************************************			

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- 8. Has the owner or operator developed an <u>outline</u> of a comprehensive ground-water quality assessment program that is capable of determining: 265.93
  - a. Whether hazardous waste or hazardous waste constituents have entered the groundwater?
  - b. The rate and extent of migration of hazardous waste or hazardous waste constituents in the groundwater?
  - c. The concentration of hazardous waste or hazardous waste constituents in the groundwater?
- \*9. Has the owner or operator performed a statistical analysis of his ground-water monitoring data as required in 265.93(b)?
- \*10. Was there a statistically significant increase (or pH decrease) detected in any well?
  - a. If "yes," has the owner or operator responded in accordance with the procedures prescribed in 265.93 paragraphs c through

Skip to number 14

- 11. Has the owner or operator prepared a written groundwater monitoring waiver demonstration for the facility?
  - a. Is the waiver demonstration maintained at the facility?
  - b. Has the waiver demonstration been certified by a qualified geologist or geotechnical engineer?

Note: Inspectors should request a copy of the waiver document.

c. Skip questions 12, 13, and 14.

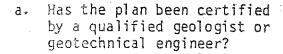
\*These requirements do not take effect until the first 6 months after November 19, 1982. The latest date for compliance with these requirements is May 19, 1983.

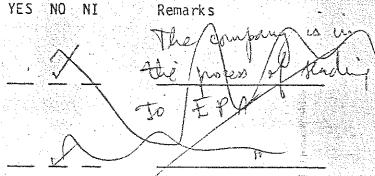
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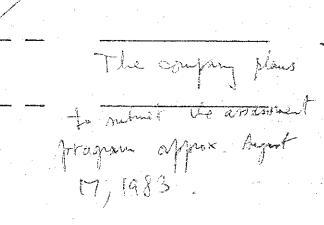
12. Has the owner or operator submitted an alternate groundwater monitoring system to the Regional Administrator?





Note: If the plan for an alternate groundwater monitoring system was not submitted to the Regional Administrator the inspector should request a copy for review.

- 13. Does the alternate groundwater monitoring plan address the requirements of 265.90(d)?
- 14. Does the owner or operator submit reports and maintain records as required in 265.94?



as .	<u>.</u>			Section C	CLOSURE AND F	ONST OLOSUBE	/Da	265 Subpart G)
						YES NO	NI	Remarks
Ĩ	Clo	sure	26	5.112				NCMG - NS
	à.		the t	facility closu				
	b.	Doe	s the	e plan identif	<b>'y:</b>			
	٠.	i.		imum extent ur facility life				
		11.		imum hazardous tory?	waste in-	<u> </u>	T-10-00-00	
		iv.	est <sup>*</sup>	imated year of	closure?	**************************************	-	To be completed upon
٠.		٧.	sch	edule of closu	re activities	2		ceux of operation
	C.	Has	clos	sure begun?				
*2.	Pos	t-C7	osur	265.118				NA
	·a.			post-closure poection?	olan available			
	b.	Doe	s thi	is plan contai	n:			
,		Ī.	mon	cription of graitoring activing activing activing activing activing activing activing activity.				
		ii.		cription of ma ivities and fr			-	
			AA.	integrity of cover, or costructures, cable				
	•		BB.	facility mor	nitoring equip-	•	. •	
	i	į į.	of p	person or <mark>o</mark> ffi	d phone number ce to contact ire care period	4		
	C.	Has	the	post-closure	period begun?	/		
	d.	Is est	the v imate	ritten post-c e available?	losure cost 265.144			
*App	olies	onl	y to	disposal faci	lities.	G-1		4/82-A

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	Section I - 1 AND MANGEMENT OF	CONTAINERS	rt 265, Subpart I)
		YES NO	NI Remarks
1.	Are containers in good condition? 265.171	<u> </u>	
2.	Are containers compatible with waste in them? 265.172		
3.	Are containers managed to prevent leaks?	<u> </u>	
<b>₫</b> .	Are containers stored closed?		
5,	Are containers inspected weekly for leaks and defects.	· <u>/</u>	
5.	Are ignitable and reactive wastes stored at least 15 meters (50 feet) from the facility property line? (Indicate if waste is ignitable or reactive).	265.776 <u>U</u> K	
7.	Are incompatible wastes stored in separate containers? (If not, the provisions of 40 CFR 265.17(b) apply). 265.177		
8.	Are containers of incompatible waste separated or protected from each other by physical barriers or sufficient distance?	15 K	

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# Section J - TANKS (Part 265, Subpart J)

YES NO NI Remarks

1.	Are tanks used to store only those wastes which will not cause corrosion, leakage or premature failure of the tank? 265.192
2.	Do uncovered tanks have at least 60 cm (2 feet) of free- board, or dikes or other con- tainment structures?
3.	Do continuous feed systems have a waste-feed cutoff?
4.	Are waste analyses done before the tanks are used to store a substantially different waste than before?
5.	Are required daily and weekly inspections done? 265.194
6.	Are reactive & ignitable wastes in tanks protected or rendered non- reactive or non-ignitable? 265.198 Indicate if waste is ignitable or reactive. (If waste is rendered non-reactive or non-ignitable, see treatment requirements.)
7.	Are incompatible wastes stored in separate tanks? 265.199 (If not, the provisions of 40 CFR 255.17(b) apply.)
8.	Has the owner or operator observed the National Fire Protection Associations buffer zone requirements for tanks containing ignitable or reactive wastes?
	Tank capacity:gallons
	Tank diameter:feet
	Distance of tank from property linefeet
	(See table 2 - 1 through $2/-6$ of NFPA's "Flammable and Combustible Liquids" Code - 1977" to determine compliance.)

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Section	K	~	SURFACE	IMPOUNDMENTS	(Part	265,	Subpart	K)
<u> </u>			99m, 7m2	TIU COUDITCUIT	( ) a i c	وددح	annha! c	~ /

1.	Do surface impoundments have at least 60 cm (2 feet) of freeboard? 265.222	YES	NO NI	Remarks
2.	Do earthen dikes have protective covers? 265.223			
3.	Are waste analyses done when the impoundment is used to store a substantially different waste than before? 265.225	N 18		same waste
4	Is the freeboard level inspected at least daily? 265.226	1	· · · · · · · · · · · · · · · · · · ·	the level is recorded
5.	Are the dikes inspected weekly for evidence of leaks or deterioration?	<u> </u>		daily in the mohectro
6.	Are reactive & ignitable wastes rendered non-reactive or non-ignitable before storage in a surface impoundment? (If waste is rendered non-reactive or non-ignitable, see treatment requirements.) 265.229	K. N		not reactive or ignitable
7.	Are incompatible wastes stored in different impoundments? (If	i i		

Note: According to Mr. Stock, the dives were appealed to maintain 2-foot fleetoard. Certification of construction was sent to U.S. EPA

265.17(b) apply.) 265.230

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	Section L - WASTE PILES	(40 0	CFR Part 265,	Subpart L)	1 17.	<b>)</b> —
٦.	Are waste piles covered or protected from dispersal by wind? 265.251		NO NI	Remarks	P.	1
2.	Is each in-coming movement of waste analyzed before being added to the waste pile? 265.252	•				
3.	Are leachate, run-off, and run-on controlled as per the requirements of 265.253? 265.253					
4.	Are reactive & ignitable wastes rendered non-reactive or non-ignitable before storage in a pile? Indicate if waste is ignitable or reactive. (If waste is rendered non-reactive or non-ignitable, see treatment requirements.) 265.256					
5.	Are piles of reactive or ignitable waste protected from materials or conditions that might cause them to ignite or react?			_		- 14
6.	Are incompatible wastes stored in different piles? (If not, the provisions of 40 CFR 265.17(b) apply.) 265.257			- terbitor		
7.	Are piles of incompatible waste protected by barriers or distance from other waste?					

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# Section M - LAND TREATMENT (Part 265, Subpart M)

1.	Is treated hazardous waste capable of biological or chemical	YES	NO NI	Remarks	NA
-	degradation? 265.272				
2.	Are run-off and run-on diverted from the facility or collected				)
3.	Is waste analyzed according to 265.273?	1 .		· · · · · · · · · · · · · · · · · · ·	
4.	If food chain crops are grown at the facility, has the owner or operator addressed the requirements of 265.276?	· · · · · · · · · · · · · · · · · · ·			
5.	Is an unsaturated zone monitoring plan designed and implemented to detect the vertical migration of hazardous waste and provide information on the background concentrations of the hazardous waste available? 265.278				
6.	Does the unsaturated zone moni- toring plan address the minimum information specified in 265.278?			·/	
7.	Are records kept regarding application dates and rates, quantities, and locations, of all hazardous waste placed in the facility? 265.279	, , , , , , , , , , , , , , , , , , ,		/	
8,	Are the special requirements fulfilled regarding land treatment of ignitable or reactive wastes? (Indicate if waste is ignitable or reactive.) 265.281				
9.	Are incompatible wastes land treated? (If yes, 265.17(b) applies) 265.282				

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## Section N - LANDFILLS (Part 265, Subpart N)

				YES	NO	NI	Remarks
-		eral Operating Require s the facility provide		and the second			NV
	đ∗	Diversion of run-on a active portions of th		diameter.		-	
	b.	Collection of run-off portions of the fill?				vne-harbilinena	
	C.	is collected run off	treated?			, · · · · · · · · · · · · · · · · · · ·	
	d.	Control of wind dispending the control of wind dispending waste?	ersal of				
2.		rveying and Recordkeepi es the Operating Record					
	.a.,	A map showing the exa					
	b	The contents of each location of each haza type withing each cel	ardous waste				
3.	rea act mix act	ecial requirements for active waste. Are ignitive wastes treated so acture is no longer ignitive? (Indicate if waste reactive.) 265.312	itable or re- the resulting itable or re-	<b>δ</b> .			
4.		ecial Requirements for stes. 265.313	Incompatible		$\mathcal{A}$		
	of ce	es the owner or operatoring incompatible waste in lls? (If not, the proverse 265.17(b) apply.)	separate	/	/		

Note: If waste is rendered non-reactive or non-ignitable see treatment requirements. If not, the provisions of 40 CFR 265.17(b) apply.

	e.

- Special requirements for liquid waste 265.314
  - a. Are bulk or non-containerized liquids placed in the landfill? If "yes," complete items i, ii, and iii.
    - i. Does the landfill have a chemically and physically resistant liner system?
    - ii. Does the landfill have a functional leachate collection system?
    - iii. Are free liquids stabilized
      prior to or immediately after
      placement in the landfill?
  - b. Have containers holding free liquids been placed in landfill since March 22, 1982?
- 6. Special requirements for Containers
  Are empty containers crushed flat, 265.315
  shredded, or similarly reduced in volume
  before being buried beneath the surface
  of the landfill?

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b.	Components	and steady sta	te conditi	ion: I 26	65.343	Г 265.373		
	Was each co	omponent at ste	ady state	prior to	adding w	aste?	NID	
	· (	Component		YES N	O NI	Remarks		
				**************************************	· ·		·	<del>/                                    </del>
	,							
			<del></del>			<del>(************************************</del>	<del>-//</del>	
lasi	te Analysis Minimum red not previou	I 265.3 quirements, for usly burned/tre	waste <b>s</b>	265.375				,
	Minimum red not previou i. Require analys	- quîrements, for	wastes ated. s an	265.375				· · ·
	Minimum red not previous i. Require analyst the fo	quirements, for usly burned/tre ed analyses; ha	wastes ated. s an	265.375				
	Minimum reconot previous  i. Require analysthe fo	quirements, for usly burned/tre ed analyses; ha is been perform llowing?	wastes ated. s an	265.375				
	Minimum reconot previous  i. Require analyst the for Heating	quirements, for usly burned/tre ed analyses; ha is been perform llowing?	wastes ated. s an	265.375				

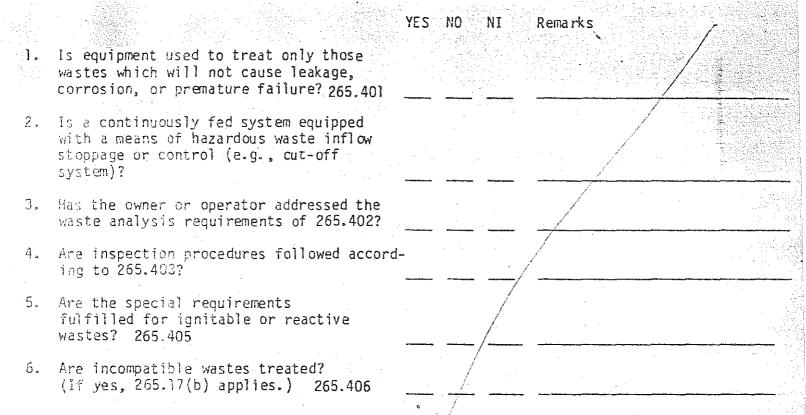
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	b.	List other paramters for which the was establish steady state or determine th (Note in Remarks any which you feel sh	e types of	pollutants which	or operator to may be emitted.
3.	<u>Mon</u>	itoring and Inspections I 265.347 T 265.37	YES NO	NI Remarks	;
•	ā.	Are combustion/emission control instruments monitored at least every 15 minutes?			
	b.	Is steady state maintained or corrections attempted?	-		
	c.	Is stack plume observed at least hourly for normal color and opacity?		****	
_	d.	Did any stack observations made by owner or operator show a plume different than normal?**		<u> </u>	
	Đ.	If "yes" to (d) above, were correction made to return emissions to normal appearance?**	s	-	
	Ť.	Are the complete unit and associated equipment inspected daily for leaks, spills, and fugitive emissions?	2		<u>-</u>
<b>*</b>	*Spe thi	cify in Remarks for what period of time s was checked.	:		
	9*	Are emergency shutdown controls and system alarms checked daily for proper operation?	<u> </u>	<u> </u>	
4.	<u>Ope</u>	n Burning T 265.382 (open burning does	not apply	to incineration)	
	а.	Only complete this part if the facilit open burns hazardous waste.	y /		
		i. Does this facility burn only waste explosives? (A No answer means other hazardous waste is open-burned).			
		•	0/P-2		4/82-A

ii. It this facility open-burns waste explosives, does it burn the waste at a distance greater than or equal to the minimum specified distance (below)

	ranga di kacamatan
Pounds of waste explosives	Minimum distance from open
or propellants	burning or detonation to the
	property of others
0 to 100	204 m 670 ft
101 to 1,000	380 m 1,250 ft
1,001 to 10,000	530 m 1,730 ft
70,0001 to 30,000	/690 m 2,260 ft

### Section Q - CHEMICAL, PHYSICAL AND BIOLOGICAL TREATMENT (Part 265, Subpart Q)



Note: EPA has temporarily suspended the applicability of the requirements of the hazardous waste regulations in 40 CFR Parts 122, 264 and 265 to owners and operators of (1) wastewater treatment tanks that receive, store, and treat wastewaters that are hazardous waste or that generate, store or treat a wastewater treatment sludge which is a hazardous waste where such wastewaters are subject to regulation under Sections 402 or 307(b) of the Clean Water Act (33 U.S.C. 1251 et seq.) and (2) neutralization tanks, transport vehicles, vessels, or containers which neutralize wastes which are hazardous only because they exhibit the corrosivity characteristics under 40 CFR §261.22, or are listed as hazardous wastes in Subpart D of 40 CFR Part 261 only for this reason.

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Complete this Appendix if the owner or operator of a TSD facility also generates hazardous waste that is subsequently shipped off-site for treatment, storage, or disposal.

Jedo		137 33 33 34	SI KEQUIR			y Subpar	YES	NO	NI	Remarks		egenta.	
(1)			ator have review?			nifest	_						
(2)	month	ıs. Indi	ests for cate appr ipments o	oximate	number of	f 1/	* A The state of t						
(3)	follo copie fest(	wing inf s of, or	st forms ormation: record do not co 262.21	: (If pos informati	sible, ma	ake mani-							
	a. M	lanifest	document	number?			$\frac{\checkmark}{}$	**************************************				<del> </del>	
·	n		ling addi nd EPA II					<b>₹</b>					
•		Name and Transport	EPA ID No er(s)?	umber of						<u> </u>			
	N	lumber De	ress, and signated and alter	permitte			1						·
	• (	(DOT ship	iption on ping name of identi	e, DOT ha	zard		<u> </u>	· ·					
	Ċ		quantity and numb				<u>/</u>			:			
	g. R	Required	certific	ation?			<u> </u>	41-11-11-11				: .	
	h. F	Required	signatur	es?									
(4)	Repor	rtable ex	ceptions	262.4	2				•				
	9	enter the	ests examen number opp from	of manife the desig	ests for	which th	ne gene	erator	has ì	<u>iOT</u> rece	ived	a	•

b. For manifests indicated in (4a), enter the number for which the generator has submitted exception reports (40 CFR 262.42) to the Regional Administra-

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### Section C: PRE-TRANSPORT REQUIREMENTS (Part 262, Subpart C)

Is waste packaged in accordance with DOT regulations? (Required prior to movement of hazardous waste off-site) 262.30

- 2. Are waste packages marked and labeled in accordance with DOT regulations concerning hazardous waste materials? (Required for movement of hazardous waste off-site) 262.31 262.32
- 3. If required, are placards available to transporters of hazardous waste? 262.33
- YES NO NI Remarks
  wastes are stored
  wastes are stored
- 4. On-site accumulation of generated hazardous wastes. A HWMF may accumulate hazardous waste it generates either (A) in its storage facility [265.1(b)] or (B) in accordance with 40 CFR 262.34 [see 265.1(c)(7)]. Option B restricts all accumulation to tanks and containers. If the installation elects option A, check this box waste and skip to Section D. If the installation elects option B, complete the following observations: See 40 CFR 262.34 January 11, 1982 Revision
  - a. Is each container clearly marked with the start of accumulation date?
  - b. Have more than 90 days elapsed since the date inspected in (a)?
  - c. Do wastes remain in accumulation tanks for more than 90 days?
  - d. Is each container and tank labeled or marked clearly with the words "Hazardous Waste"?

# NA ho beg-coarte

Remarks

## Section D: - RECORDKEEPING AND REPORTING (Part 262, Subpart D)

 Are all test results and analyses needed for hazardous waste determinations retained for at least three years? 262.40

# Section E: - INTERNATIONAL SHIPMENTS (Part 262, Subpart E)

Has the installation imported or exported Hazardous Waste? 262.50

(If answered Yes, complete the following as applicable.)

Exporting Hazardous waste; has a generator:

YES

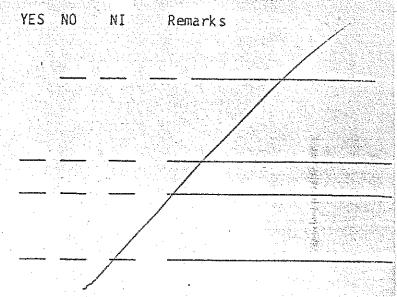
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NO

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- i. Notified the Administrator in writing?
  - ii. Obtained the signature of the foreign consignee confiming delivery of the waste(s) in the foreign country?
  - iii. Met the Manifest requirements?
- b. Importing Hazardous Waste; has the generator met the manifest requirements?



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YES NO NI

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Remarks

### Section A: SCOPE:

- Complete this Appendix if the owner or operator transports hazardous waste subject to 40 CFR 263.10.
- 2. Does the transporter transport hazardous waste into the U.S. from abroad?
- 3. Does the transporter transport hazardous waste out from the U.S.?
- 4. Does the transporter mix hazardous waste of different DOT shipping descriptions by placing them into a single container?

Section B: MANIFEST SYSTEM AND RECORDKEEPING (Part 263, Subpart/B)

- Are copies of <u>completed</u> manifests available for review and retained for three years. 263.22
- Estimate the number of manifests for shipments completed during the part 6 months.
- 3. Examine a representative number of manifests. Indicate number examined.
- 4. Did transporter properly sign and date the manifests examined?
- 5. Do any manifests indicate shipments delivered to other than the designated facility? 263.21

If (5) is "no," skip 6 and 7.

- 6. Do any manifests indicate shipments delivered to other than an alternate facility?
- 7. Are shipments delivered to alternate facilities <u>only</u> because emergency prevents delivery to the designated facility?

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# RCRA Inspection Report

A	Identification Number: $M I $	09912	4299
ĭ ns	tallation Name: STAUCEY	Tools - Div of S.	TANLEY WORKS
Loc	ation Address: 425 Fi	ank St	
Cit	: Fowlerville	State: Michigan	.48836.
Date	e of inspection: 8/4/82	Time of inspection (from) <	3 1111
5			
Per	son(s) interviewed	Title	Telephone 517
-	EZA KEJAEI	Offemist	223-9154
1	1BERI STOCK	food. Manager	
-			
*			m m 1
Ins	pector(s)	Agency/Title	Tel ephone
-		WATER GMALITY DIV	Tel ephone 517-373-2714
-	Rector(s) Rehard LUNDAREN		
4		WATER GMALITY DIV	
4	ichard LundineN tallation Activity (mark only one	WATER GMALITY DIV	517-373-2714
4	Rehard LUNDAREN	WATER GMALITY DIV	517-373-2714
4	Techard LunphREN  tallation Activity (mark only one  Treatment/Storage/Disposal per 40	WATER GMALITY DIV box)  CFR 265.1 and/or	5:7-373-27:4  Inspection Form(s)
Ins	tallation Activity (mark only one Treatment/Storage/Disposal per 40 Generation and/or Transportation	WATER GMALITY DIV box)  CFR 265.1 and/or	5:7-373-27:4  Inspection Form(s)
	Treatment/Storage/Disposal per 40 Generation and/or Treatment/Storage/Disposal (no generation)	WATER GMALITY DIV box)  CFR 265.1 and/or	Si7-373-27i4  Inspection Form(s)  A
	Treatment/Storage/Disposal per 40 Generation and/or Transportation Treatment/Storage/Disposal (no geomeration and Transportation	WATER GMALITY DIV box)  CFR 265.1 and/or	5:7-373-27:4  Inspection Form(s)  A  A  B, C

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### Section A: SCOPE OF INSPECTION.

- Interim status standards for treatment storage or disposal of HAZARDOUS WASTES SUBJECT TO 40 CFR 265.1. Complete Inspection Form A sections B, C, D, E, and G.
- Place an "X" in the box(es) corresponding to the facility's treatment, storage and disposal processes, and generation and/or transportation activity (if any). Complete only the applicable sections and appendixes.

Permit application process(es) (EPA Form 3510-3) Inspec	tion Form	A section(s)
SO1 storage in containers	n × 3	I
SO2 storage in tanks		J
(101) II treatment in tanks		J
storage in surface impoundment		K,F
TO2 Treatment in surface impoundment		K,F
D83 disposal in surface impoundment	*	K,F
SO3 storage in waste pile		L
D81 I disposal by land application		M,F
D80 I disposal in landfill		N, F
T03 II treatment by incineration	**	0/P
TO4 Treatment in devices other than tanks, impoundments, or incinerators	surface	Q
Other activities		
GENERATOR TI	APPENDIX	GN.
TRANSPORTER II	APPENDIX	TR

- 3. Indicate any hazardous waste processes, by process code, which have been omitted from Part A of the facility's permit application.
- 4. Indicate any hazardous waste processes (by process code and line number on EPA Form 3510-3 page 1 of 5) which appear to be eligible for exclusion per 40 CFR 265.1(c). Provide a brief rationale for the possible exclusion.

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## Section B: GENERAL FACILITY STANDARDS: (Part 265 Subpart B)

			163	NO	fAT	Kellarks
a		the Regional Administrator notified regarding: 265.12			۸	
	a.	Receipt of hazardous waste from a foreign source?	<del></del>		- Si	oes not receive
	Ь.	Facility expansion?	1/	100	<i></i>	
	C.	Change of owner or operator?		<u>v</u>		No Change
<u>.</u>	Gen	eral Waste Analysis: 265.13				•
	a.	Has the owner or operator obtained a detailed chemical and physical analysis of the waste?				•
	b.	Does the owner or operator have a detailed waste analysis plan on file at the facility?	ADDRESS - A STATE OF THE STATE	<b></b>	<u> </u>	WILL have and will bend me copy
	C.	Does the waste analysis plan specify procedures for inspection and analysis of each movement of hazardous waste from off-site?			<u>/</u>	•
3.	Sec	curity - Do security measures include: (if applicable) 265.14				
	₫.	24-Hour surveillance?	1		<del></del>	•
	b.	or  i. Artificial or natural  barrier around facility?	/	<i>_</i>	· · · · · · · · · · · · · · · · · · ·	
		and ii. Controlled entry?				
-	c.	Danger sign(s) at entrance?		/	g	WILL Put of 45 Per my request.
1 -	0wr	er or operator inspections: 265.15				
	a.	Does the owner or operator inspect the facility for malfunctions, deterioration, operator errors, and dischanges of hazardous waste that may affect human health or the environment?				

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Does the owner or operator have an inspection schedule at the facility?

If so, does the schedule address the inspection of the following items:

> Ť. monitoring equipment?

safety and emergency equipment? ii.

iii. security devices?

operating and structural equipiv. ment (i.e. dikes, pumps, etc.)?

type of problems to be looked for during the inspection (e.g. leaky fitting, defective pump, etc.)?

inspection frequency (based upon vi. the possible deterioration rate of the equipment)?

Are areas subject to spills inspected daily when in use?

Does the owner or operator maintain an inspection log or summary of owner or operator inspections?

f. Does the inspection log contain the following information:

the date and time of the inspectio

the name of the inspector? ii.

a notation of the observations iii. made?

the date and nature of any repairs or remedial actions?

Do personnel training records include: 265.16

> Job titles? ۰.5

Job descriptions?

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c. Description of training?  d. Records of training?  e. Did facility personnel receive the required training by 5-19-81?  f. Do new personnel receive required training within six months?  g. Do personnel training records indicate that personnel have taken part in an annual review of initial training?  Jene of the following special requirements for ignitable, reactive, or incompatible wastes addressed? 265.17  a. Special handling?  b. No smoking signs?  c. Separation and protection from ignition sources?				TES NO	14.7	Reliarks
e. Did facility personnel receive the required training by 5-19-81?  f. Do new personnel receive required training within six months?  g. Do personnel training records indicate that personnel have taken part in an annual review of initial training?  Jequirements for ignitable, reactive, or incompatible wastes addressed? 265.17  a. Special handling?  b. No smoking signs?  c. Separation and protection  was function  was		C.	Description of training?	<u> </u>		
f. Do new personnel receive required training within six months?  g. Do personnel training records indicate that personnel have taken part in an annual review of initital training?  If required, are the following special requirements for ignitable, reactive, or incompatible wastes addressed? 265.17  a. Special handling?  b. No smoking signs?  C. Separation and protection		d.	Records of training?	2		5-19-81
required training within six months?  g. Do personnel training records indicate that personnel have taken part in an annual review of initial training?  If required, are the following special requirements for ignitable, reactive, or incompatible wastes addressed? 265.17  a. Special handling?  b. No smoking signs?  c. Separation and protection	•	٤.	Did facility personnel receive the required training by 5-19-81?			Wasqu'en by 3-11-82
If required, are the following special requirements for ignitable, reactive, or incompatible wastes addressed? 265.17  a. Special handling?  b. No smoking signs?  c. Separation and protection		f.	required training within	<u>/_</u>	<del></del>	
requirements for ignitable, reactive, or incompatible wastes addressed? 265.17  a. Special handling? b. No smoking signs?  c. Separation and protection		g.	indicate that personnel have taken part in an annual review			weil lave within year fures organelly gives.
c. Separation and protection	<b>4</b> )	req	uirements for ignitable, reactive,	17	ø≈	1) : Dues not
c. Separation and protection		a.	Special handling?		·	Vis Name, with
		b.	No smoking signs?	<u> </u>	<i></i>	Just not work
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## Section C: EPAREDNESS AND PREVENTION: (Firt 265 Subpart C)

1.	Maintenance and Operation
1 •	of Facility: 265.31
	YES NO NI Remarks Is there any evidence of fire, explosion, or release of hazardous waste or hazardous waste constituent?
2.	If required, does the facility have the following equipment: 265.32
-	a. Internal communications or alarm systems?
	b. Telephone or 2-way radios at the scene of operations?
	<pre>c. Portable fire extinguishers,   fire control, spill control   equipment and decontamination   equipment?</pre>
	Indicate the volume of water and/or foam available for fire control:  Move a well as vell as city water.
3.	Testing and Maintenance of Emergency Equipment: 265.33
	a. Has the owner or operator established testing and maintenance procedures for emergency equipment?  Cornia in and maintain guprish ad chades of for emergency equipment?
	b. Is emergency equipment maintained in operable condition?
4.	Has owner or operator provided immediate access to internal alarms? (if needed) 265.34
5.	Is there adequate aisle space for unobstructed movement?
6.	Has the owner or operator attempted to make arrangements with local authorities in case of an emergency at the facility?

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YES NO NI Remarks

- 1. Does the Contingency Plan contain the following information: 265.52
  - a. The actions facility personnel must take to comply with §265.51 and 265.56 in response to fires, explosions, or any unplanned release of hazardous waste? (If the owner has a Spill Prevention, Control, and Countermeasures (SPCC) Plan, he needs only to amend that plan to incorporate hazardous waste management provisions that are sufficient to comply with the requirements of this Part (as applicable.)
  - b. Arrangements agreed by local police departments, fire departments hospitals, contractors, and State and local emergency response teams to coordinate emergency services pursuant to §265.37?
  - c. Names, addresses, and phone numbers (office and home) of all persons qualified to act as emergency coordinators?
  - d. A list of all emergency equipment at the facility which includes the location and physical description of each item on the list and a brief outline of its capabilities?
  - e. An evacuation plan for facility personnel where there is a possibility that evacuation could be necessary? (This plan must describe signal(s) to be used to begin evacuation, evacuation routes, and alternate evacuation routes?)
- 2. Are copies of the Contingency Plan available at the site and local emergency organizations? 265.53

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- 3. Emergency Coordinator 265.55
  - a. Is the facility Emergency Coordinator identified?
  - b. Is coordinator familiar with all aspects of site operation and emergency procedures?
  - c. Does the Emergency Coordinator have the authority to carry out the Contingency Plan?
- 4. Emergency Procedures 265.56

If an emergency situation has occurred at this facility, has the Emergency Coordinator followed the emergency procedures listed in 265.56?

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		Section E: MANIFFST SYSTEM, RECO	RDKFF	PING	AND RE	PORTING: (Part 265 Submist E)
	*		YES		NI	Remarks
9	Use	of Manifest System 265.71				
	à.	Does the facility follow the procedures listed in §265.71 for processing each manifest? (Particularly sending a copy of the signed manifest back to the generator within 30 days after delivery.)	<u></u>			
	b.	Are records of past shipments retained for 3 years?	1/		<b>←</b>	
2.	requ	the owner or operator meet uirements regarding manifest crepancies? 265.72	/	_	*****************	
of	on-s	licable to owners or operators ite facilities that do not any waste from off-site sources.				
3.	0pe	rating Record 265.73				orander or and
	a.	Does the owner or operator maintain an operating record as required in 265.73?			80 mail resilientes	Actionsists of manfield note book, and sign Toblins
	b.	Does the operating record contain the following information:				wish to immedial
·		i. The method(s) and date(s) of each waste's treatment, storage, or disposal as required in 40 CFR Part 265 Appendix I?	$\frac{}{}$		. <u> </u>	by What looned and inampest. Quantity to not measured used goes in only to it is
•	i	ii. The location and quantity of each hazardous waste within the facility? (This information should be cross-referenced to specific manifest number, if waste was accompanied by by a manifest.)	•	_/		removed from lagour
-	***;	ii. A map or diagram of each cell or disposal area				ν <u>3</u>
		and the state of t				

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\*\*\* only applies to disposal
 facilities



<sup>\*\*</sup> Not applicable to owners or operators of on-site facilities that do not receive any hazardous from off-site sources.

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## Sectic - GROUNDWATER MONITORING (Page 265 Subpart F)

Complete this section for facilities that treat, store, or dispose of hazardous waste in landfills, surface impoundments and/or by land treatment.

Has the						
facility	imple	ment	ed a	gro	und	l→
water mo	nitori	ng s	yster	1?	26	5.90

If "no", Skip to number 11.

2. Has the owner or operator of the facility implemented an alternate groundwater monitoring system as described in 265.90(d)?

If "yes", skip to number 12. If "no", continue

- 3. Does the groundwater monitoring system meet the following requirements of 265.91:
  - a. At least one well installed hydraulically up-gradient from the limit of the waste management area?

Indicate the total number of up-gradient wells.

b. At least three wells installed hydraulically down-gradient at the limit of the waste management area?

Indicate the total number of downgradient wells.

c. Are the number, locations, and depths of all wells sufficient to yield groundwater samples that are representative of groundwater under the facility?

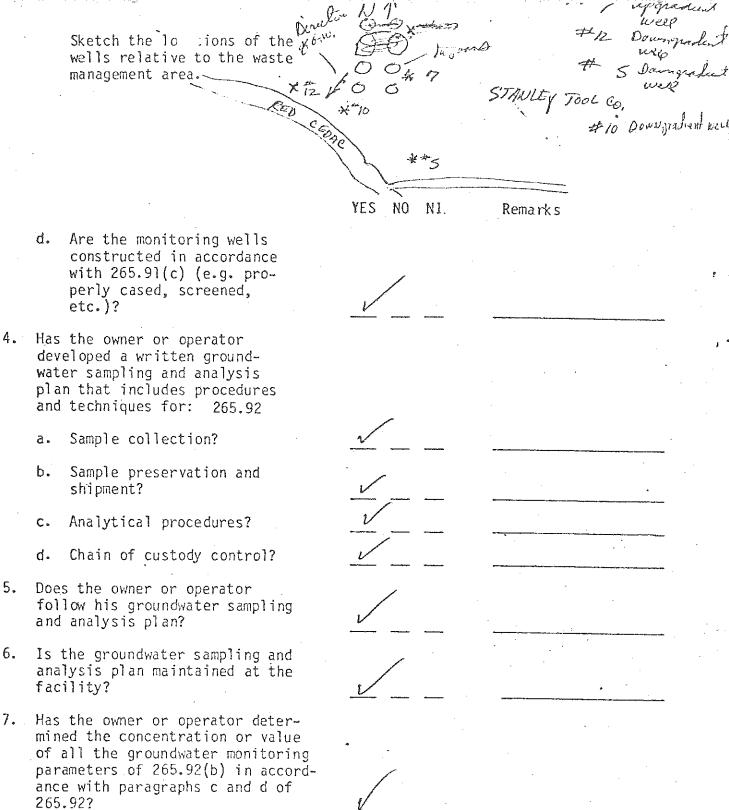
YES.	NO	NI	Remarks
V	_	Orestonisme	Bagan analyzing samples under pretons
		P	alternate plan was

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8.	Has the owner	or operator developed
		a comprehensive ground-
		assesment program that
	is capable of	determining: 262.93

Whether hazardous waste or hazardous waste constituents have entered the groundwater?

The rate and extent of migration of hazardous waste or hazardous waste constituents in the groundwater?

The concentration of hazardous waste or hazardous waste constituents in the groundwater?

Has the owner or operator performed a statistical analysis of his ground-/ water monitoring data as required in 265.93(b)?

**\***10. Was there a statistically significant increase (or pH decrease) detected in any well?

> a. If "yes," has the owner or operator responded in accordance with the procedures prescribed in 265.93 paragraphs c through

> > Skip to number 14

- 11. Has the owner or operator prepared a written groundwater monitoring waiver demonstration for the facility?
  - Is the waiver demonstration maintained at the facility?
  - b. Has the waiver demonstration been certified by a qualified geologist or geotechnical engineer?

Inspectors should request a copy of the waiver document.

Skip questions 12, 13, and 14.

\*These requirements do not take effect until the first 6 months after November 19, 11982. The latest date for compliance with these requirements is May 19, 1983.

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YES	NO	ΝI	Remarks

- 12. Has the owner or operator submitted an alternate groundwater monitoring system to the Regional Administrator?
  - a. Has the plan been certified by a qualified geologist or geotechnical engineer?

Note: If the plan for an alternate groundwater monitoring system was not submitted to the Regional Administrator the inspector should request a copy for review.

- 13. Does the alternate groundwater monitoring plan address the requirements of 265.90(d)?
- 14. Does the owner or operator submit reports and maintain records as required in 265.94?

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	*			YES	NO	N.	Remarks
۱.	Clo	sure	265.112				
	ð.		the facility closure available for inspection?			*	
	b.	Does	the plan identify:				
	٠	o post	maximum extent unclos during facility life?	<u>/</u>		<b>6</b> √2 <u>√10</u> − 10 ·	
		ii.	maximum hazardous waste in- ventory?	V			
		iv.	estimated year of closure?		<u> </u>		will not estimate ferme
		٧.	schedule of closure activities?	<u> </u>		<del></del>	
	C.	Has	closure begun?	-	1		*
2.	Pos	st-Cl	osure 265.118				
	a.		the post-closure plan available inspection?				
	b.	Doe	s this plan contain:				•
·		, t	description of groundwater monitoring activities and frequencies?				
-		<b>11.</b>	description of maintenance activities and frequencies for				
			AA. integrity of cap, final cover, or containment structures, where applicable				
			BB. facility monitoring equipment	•			
		iii.	name, address, and phone number of person or office to contact during post-closure care period	?		***********************************	
	C.	Has	the post-closure period begun?				
	ď.		the written post-closure cost imate available? 265.144		., <del></del>		
<b>.</b>	_ 1 -	۳ م	ly to disposal facilities				

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Section G - CLOSURE AND POST CLOSURE (Part 265 Subpart G)

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## Section I - USE AND MANGEMENT OF CONTAINERS (Part 265, Subpart I)

		YES NO	NI	Remarks
٦.	Are containers in good condition? 265.171	<u>/</u>	·	
2.	Are containers compatible with waste in them? 265.172			
3.	Are containers managed to prevent leaks? 265.173			
4.	Are containers stored closed?			
5.	Are containers inspected weekly for leaks and defects.			
6.	Are ignitable and reactive wastes stored at least 15 meters (50 feet) from the facility property line? (Indicate if waste is ignitable or reactive).	265.176	e de la composición del composición de la composición de la composición de la composición del composición de la composic	No egylobb og reaches water
7.	Are incompatible wastes stored in separate containers? (If not, the provisions of 40 CFR 265.17(b) apply). 265.177		· .	RIA
8.	Are containers of incompatible waste separated or protected from each other by physical barriers or sufficient distance?			R/A

	ection J - TANKS (Part 265, Sur, art J)
	Are tanks used to store only those wastes which will not cause corrosion, leakage or premature failure of the tank? 265.192  YES NO NI Remarks  Applicate  YES NO NI Remarks  Applicate  The control of t
2.	Do uncovered tanks have at least 60 cm (2 feet) of free-board, or dikes or other containment structures?  does not always have zero tainment structures?
3.	Do continuous feed systems have a waste-feed cutoff?
4.	Are waste analyses done before the tanks are used to store a substantially different waste than before?  Lanks are used to store a substantially different waste than before?
5.	Are required daily and weekly inspections done? 265.194
6.	Are reactive & ignitable wastes in tanks protected or rendered non-reactive or non-ignitable? 265.198  Indicate if waste is ignitable or reactive. (If waste is rendered non-reactive or non-ignitable, see treatment requirements.)
7.	Are incompatible wastes stored in separate tanks? 265.199 (If not, the provisions of 40 CFR 265.17(b) apply.)
8.	Has the owner or operator observed the National Fire Protection Associations buffer zone requirements for tanks containing ignitable or reactive wastes?
	Tank capacity:gallons
	Tank diameter:feet
	Distance of tank from property linefeet
	(See table 2 - 1 through 2 - 6 of NFPA's "Flammable and Combustible Liquids Code - 1977" to determine compliance.)

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÷	Section K SURFACE IMPOU	NDMENTS (Part 26 <sup>5</sup>	Subpart K)
e	Do surface impoundments have at least 60 cm (2 feet) of freeboard? 265.222	YES NO NI	Remarks Usually have 3-live
2.	Do earthen dikes have protective covers? 265.224		no earler dike
3.	Are waste analyses done when the impoundment is used to store a substantially different waste than before? 265.225		allvays Dane males in lagour
4.	<pre>Is the freeboard level inspected at least daily? 265.226</pre>	<u> </u>	
5.	Are the dikes inspected weekly for evidence of leaks or deterioration?	<u>/</u>	
5.	Are reactive & ignitable wastes rendered non-reactive or non-ignitable before storage in a surface impoundment? (If waste is rendered non-reactive or non-ignitable, see treatment requirements.) 265.229	ac 02	e not restive

7. Are incompatible wastes stored in different impoundments? (If not, the provisions of 40 CFR 265.17(b) apply.) 265.230

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٥.	Section - Mysic bires	140 6	rkra	ru Zij	Subpart L)
		YES	NO	NI	Remarks
a a	Are waste piles covered or protected from dispersal by wind? 265.251		<u>/</u>		Delas are mudo
2.	Is each in-coming movement of waste analyzed before being added to the waste pile? 265.252	w	<u></u>		wo allten to pla
3.	Are leachate, run-off, and run-on controlled as per the requirements of 265.253? 265.253		<u>v</u>		paled containment
4.	Are reactive & ignitable wastes rendered non-reactive or non-ignitable before storage in a pile? Indicate if waste is ignitable or reactive. (If waste is rendered non-reactive or non-ignitable, see treatment requirements.) 265.256			lon /	a Devere slown would cause some last and leaching of moderials reached a regulable
5.	Are piles of reactive or ignitable waste protected from materials or conditions that might cause them to ignite or react?	Commence of the Commence of th	-	1	-
6.	Are incompatible wastes stored in different piles? (If not, the provisions of 40 CFR 265.17(b) apply.) 265.257				
7.	Are piles of incompatible waste protected by barriers or distance from other waste?	<b></b>		2,	piles. are food similar
l b	aguan destings which is completely departe as	luis veie en.	l v	ender mave	next the accumulated from lafton base

			_				
].	Is treated hazardous waste capable of biological or chemical degradation? 265.270	YES	NO //		NI ///	Remarks	
2.	Are run-off and run-on diverted from the facility or collected	2	é				
3.	Is waste analyzed according to 265.273?		**************************************			· · · · · · · · · · · · · · · · · · ·	
4.	If food chain crops are grown at the facility, has the owner or operator addressed the requirements of 265.276?			-	<del></del>		
5.	Is an unsaturated zone monitoring plan designed and implemented to detect the vertical migration of hazardous waste and provide information on the background concentrations of the hazardous waste available? 265.278			-			
6.	Does the unsaturated zone moni- toring plan address the minimum information specified in 265.278?			_			
7.	Are records kept regarding application dates and rates, quantities, and locations, of all hazardous waste placed in the facility? 265.279			-	· ·		
8.	Are the special requirements fulfilled regarding land treatment of ignitable or reactive wastes? (Indicate if waste is ignitable or reactive.) 265.281		-				<b>A</b>
9.	Are incompatible wastes land treated? (If yes, 265.17(b) applies) 265.282	-	·	_			

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### Section N - LANDFILLS (Part 265, Subpart N)

YES NO NI Remarks

	Gen Doe	eral Operating Requirements 265.302 s the facility provide the following:			1		p 1/1				•
	à.	Diversion of run-on away from active portions of the fill?	EP-NE-AMB NES				7	-	· · · · · · · · · · · · · · · · · · ·		
	b.	Collection of run-off from active portions of the fill?		Alternativates			**************************************		<del></del>	· <u>·</u>	
٠	С.	Is collected run off treated?					<del></del>				
	d.	Control of wind dispersal of hazardous waste?		W-17-41	10 - 40 100						
2.		veying and Recordkeeping 265.309 es the Operating Record Include:							·		
	a.	A map showing the exact location and dimensions of each cell?			-	. <u>-</u>				· .	•
	b.	The contents of each cell and the location of each hazardous waste type withing each cell?			· ·						
3.	rea act mi; act	ecial requirements for ignitable or active waste. Are ignitable or retive wastes treated so the resulting cture is no longer ignitable or retive? (Indicate if waste is ignitable reactive.) 265.312		· · · · ·		· -	· · · · · · · · · · · · · · · · · · ·		ng kanangan	·	
4.		ecial Requirements for Incompatible stes. 265.313									÷
	of ce	es the owner or operator dispose incompatible waste in separate lls? (If not, the provisions of CFR 265.17(b) apply.)									

Note: If waste is rendered non-reactive or non-ignitable see treatment requirements. If not, the provisions of 40 CFR 265.17(b) apply.

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- 5. Special requirements for liquid waste 265.314
  - a. Are bulk or non-containerized liquids placed in the landfill? If "yes," complete items i, ii, and iii.
    - i. Does the landfill have a chemically and physically resistant liner system?
    - ii. Does the landfill have a functional leachate collection system?
    - iii. Are free liquids stabilized prior to or immediately after placement in the landfill?
  - b. Have containers holding free liquids been placed in landfill since March 22, 1982?
- 6. Special requirements for Containers
  Are empty containers crushed flat, 265.315
  shredded, or similarly reduced in volume
  before being buried beneath the surface
  of the landfill?

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. <u>Det</u> a.		nation of Steady State I=ir e of unit (i.e., type of ir	ncinerator T=the		eatment):						
b.	`	Components and steady state condition: I 265.343 T 265.373  Was each component at steady state prior to adding waste?									
	nas	Component	YES NO	NI	Remarks						
				**************************************							
	-		·	<del></del>							
. <u>Wa</u> :	ste A	nalysis I 265.345	T 265.375								
ā.		imum requirements, for was previously burned/treated			• · · · · · · · · · · · · · · · · · · ·						
	اً * ع	Required analyses; has an analysis been performed for the following?									
		Heating value		· · ·							
		Halogen content									
		Sulfur content		<del></del>							
	ii.	Has documented or written been substituted for anal of either:									
		Lead?	٠ ــــــــــــــــــــــــــــــــــــ	· 							
		Mercury:									
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Section O/P - INCINERATIO ND THERMAL TREATMENT (40 CFR rt 265, Subparts O and P)

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	b.	List other paramters for which the waste establish steady sta or determine the (Note in Remarks any which you feel shown	types	of po	o tant			
	3 8	itoring and Inspections I 265.347	YES	МО	NI	Remarks		
,	Mon.	itoring and Inspections   1 265.347   T 265.37				•		-
	ā.	Are combustion/emission control instruments monitored at least every 15 minutes?	- ·					namenthouse-monatours.
	Ъ.	Is steady state maintained or corrections attempted?	alvesorense		بنسببسين	<u> </u>	and the second s	
	C.	Is stack plume observed at least hourly for normal color and opacity?						
	d.	Did any stack observations made by owner or operator show a plume different than normal?**	•					
	e.	If "yes" to (d) above, were corrections made to return emissions to normal appearance?**		Stylendownsky be				
	f.	Are the complete unit and associated equipment inspected daily for leaks, spills, and fugitive emissions?		Samuelona de Hanquilo				
*	*	cify in Remarks for what period of time s was checked.					-	
	g.	Are emergency shutdown controls and system alarms checked daily for proper operation?			·		······································	·
	<u>0</u> pe	n Burning T 265.382 (open burning does n	ot app	oly to	incine	ation)		
	a.	Only complete this part if the facility open burns hazardous waste.						
		i. Does this facility burn <u>only</u> waste explosives? (A <u>No</u> answer means <u>other</u> hazardous waste is open-burned).						
						. ,		
			0/P-2					4/82-A

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ii. It this facility open-burns waste explosives, does it burn the waste at a distance greater than or equal to the minimum specified distance (below)

Pounds of waste explosives or propellants	burning or	stance from open detonation to the of others
0 to 100	204 m . 380 m 530 m 690 m	670 ft 1,250 ft 1,730 ft 2,260 ft



#### Section Q - CHEMICAL, PHYSICAL AND BIOLOGICAL TREATMENT (Part 265, Subpart Q)

		YES	NO	NI	Remark	S			
8	Is equipment used to treat only those wastes which will not cause leakage, corrosion, or premature failure? 265.401			1//	1	-			
2.	Is a continuously fed system equipped with a means of hazardous waste inflow stoppage or control (e.g., cut-off system)?	Sire Sire and an artist of the second							
3.	Has the owner or operator addressed the waste analysis requirements of 265.402?		. The half was been been been been been been been bee	-					····· ·
4.	Are inspection procedures followed according to 265.403?		. E-127						<del></del>
5.	Are the special requirements fulfilled for ignitable or reactive wastes? 265.405			· • • • • • • • • • • • • • • • • • • •			······································		
6.	Are incompatible wastes treated?			·				•	

Note: EPA has temporarily suspended the applicability of the requirements of the hazardous waste regulations in 40 CFR Parts 122, 264 and 265 to owners and operators of (1) wastewater treatment tanks that receive, store, and treat wastewaters that are hazardous waste or that generate, store or treat a wastewater treatment sludge which is a hazardous waste where such wastewaters are subject to regulation under Sections 402 or 307(b) of the Clean Water Act (33 U.S.C. 1251 et seq.) and (2) neutralization tanks, transport vehicles, vessels, or containers which neutralize wastes which are hazardous only because they exhibit the corrosivity characteristics under 40 CFR §261.22, or are listed as hazardous wastes in Subpart D of 40 CFR Part 261 only for this reason.

265.406

(If yes, 265.17(b) applies.)

tor.

1.	Complete this Append	ix if the	owner or	operator	of a TSD	facility als	o generates
	hazardous waste that	is subse	quently sh	hipped off	-site for	treatment,	storage,
	or disposal.						

Section B:	MANIFEST	REQUIREMENTS	(Part	262,	Subpart B)
20000		3	•		

	•		YES	NO	NI	Remarks
(1)		s the operator have copies of the manifest ilable for review? 262.40	<u>/</u>			
(2)	mon	mine manifests for shipments in past 6 ths. Indicate approximate number of ifested shipments during that period.	0			
(3)	fol cop	the manifest forms examined contain the lowing information: (If possible, make ies of, or record information from, manities) that do not contain the critical ments). 262.21		_		•
	9.	Manifest document number?	<u>/</u>			W
	b.	Name, mailing address, telephone number, and EPA ID number of Generator	V		٠	
	Ċ•	Name and EPA ID Number of Transporter(s)?	<u>/</u>	/ v.		
	d.	Name, address, and EPA ID Number Designated permitted facility and alternate facility?	<u>/</u>	/ 		
	e.	The description of the waste(s) (DOT shipping name, DOT hazard class, DOT identification number)?	<u>/</u>			
•	f.	The total quantity of waste(s) and the type and number of containers loaded?	<u> </u>			
	g.	Required certification?		/ 	<del> </del>	
-	h.	Required signatures?	/		·	•
(4)	Rep	oortable exceptions 262.42				•
	ā.	For manifests examined in (2) (except for enter the number of manifests for which the signed copy from the designated facility was	ie gen	erato	r has	NOT received a

4/82-A

b. For manifests indicated in (4a), enter the number for which the generator has submitted exception reports (40 CFR 262.42) to the Regional Administra-

	<b></b>		<b>``.</b>		•
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<u>Sec</u>	tion	C: PRE-TRANSPORT REQUIREMENTS (Part 262, Su	bpart	c)		
н	*		YES	s NG	NI	Remarks
,	with (Rec	vaste packaged in accordance DOT regulations? Quired prior to movement of Ardous waste off-site) 262.30			,	
2.	in a cond (Red	waste packages marked and labeled accordance with DOT regulations cerning hazardous waste materials? quired for movement of hazardous ce off-site) 262.31 262.32	ant-sec-			
3.		required, are placards available to isporters of hazardous waste? 262.33		oneo suenosées		
4.	was with and	site accumulation of generated hazardous was te it generates either (A) in its storage fa n 40 CFR 262.34 [see 265.1(c)(7)]. Option B containers. If the installation elects opt Section D. If the installation elects optio ns: See 40 CFR 262.34 January 11, 1982 Rev	cilit rest ion A n B,	y [26 ricts , che compl	5.1(b) all ac ck this	or (B) in accordance coumulation to tanks box     and skip
	. s	Is each container clearly marked with the start of accumulation date?				
	b.	Have more than 90 days elapsed since the date inspected in (a)?				· · · · · · · · · · · · · · · · · · ·
	C.	Do wastes remain in accumulation tanks for more than 90 days?		·		
-	d.	Is each container and tank labeled or marked clearly with the words "Hazardous Waste"?		<del></del>		
Se	ction	D: - RECORDKEEPING AND REPORTING (Part 262,	Sub	oart [	<b>)</b>	
1.	Are nee	all test results and analyses ded for hazardous waste deter-		ES NO		Remarks
		ations retained for at least ree years? 262.40	=	<del></del>	<del></del>	
<u>Se</u>	ction	E: - INTERNATIONAL SHIPMENTS (Part 262, Sub	opart	E)		
1.		s the installation imported or orted Hazardous Waste? 262.50		<del></del>	<del></del>	
	(If	answered Yes, complete the following applicable.)		1 :		
	∙a•	Exporting Hazardous waste; has a generator:				

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	,		YES	ИО	ę, <b>ν</b> Τ	Remarks
ì.		ified the Administrator in ting?		,	2-10-10-10-10-10-10-10-10-10-10-10-10-10-	
	<b>i</b> • •	Obtained the signature of the foreign consignee confiming delivery of the waste(s) in the foreign country?		·	#*************************************	
	iii.	Met the Manifest requirements?		<del></del>	<del></del>	
•	the g	rting Hazardous Waste; has generator met the manifest frements?				

<b></b>		<b>*</b> .		-		•
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Sect	tion A: SCOPE:	YES.	NO	14.1	кешагкѕ	
					· · ·	
	Complete this Appendix if the owner or operator transports hazardous waste subject to 40 CFR 263.10.	**************************************			·	
2.	Does the transporter transport hazardous waste into the U.S. from abroad?			/	·	
3.	Does the transporter transport hazardous waste out from the U.S.?		<u>.</u>			· · · · · · · · · · · · · · · · · · ·
4.	Does the transporter mix hazardous waste of different DOT shipping descriptions by placing them into a single container?	<del></del>	-		·	
Sec	tion B: MANIFEST SYSTEM AND RECORDKEEPING	(Part	t 263,	, Subj	part B)	0 10
•	Are copies of <u>completed</u> manifests available for review and retained for three years. 263.22		<u>/</u>		waste in more	not falif zimostki oc
2.	Estimate the number of manifests for shipments completed during the part 6 months.		non	L -	not mi	anjestel
3.	Examine a representative number of manifests. Indicate number examined.	<u></u>				
4.	Did transporter properly sign and date the manifests examined?	<del></del>	· •	<b>B-B</b> 4		
5.	Do any manifests indicate shipments delivered to other than the designated facility? 263.21		, <u>,</u>			
	If (5) is "no," skip 6 and 7.				· · · · · · · · · · · · · · · · · · ·	· •
6.	Do any manifests indicate shipments delivered to other than an alternate facility?				·.	
7.	Are shipments delivered to alternate facilities only because emergency prevents delivery to the designated facility?	<del></del>		·		

<b>.</b> .	·	•		
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265.11

### RCRA INSPECTION REPORT - INTERIM STATUS STANDARDS TREATMENT, STORAGE, AND DISPOSAL FACILITIES Form A - General Facility Standards

MUV 0 - 1981.

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AST 64

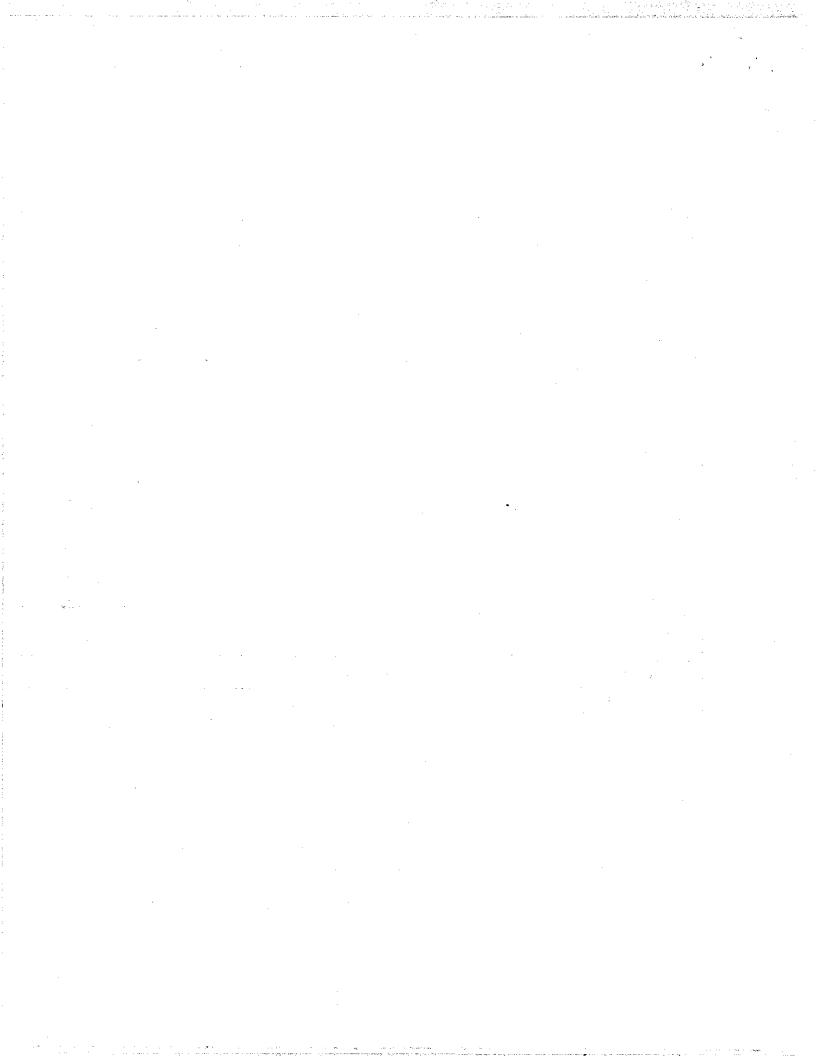
122.7(i)

### I. General Information: (265.74)

(h)	Facility Name: Stanley Tools	
(5)	Street: 425 Frank St.	
(C)	City: Fowlerville (D) State: MT (E) Zip Code:	49336
	Phone: (517) 223-9154 (G) County: Livings Ton	
	Operator:	. (*)
(I)	Street:	,
(1)	City: (K) State: (L) Zip Code _	
(ri)	Phone: (N) County:	
(6)	Owner: The Stanley Works	
	Street: 195 Lake St	
<u>.</u> ψ)	City: Now Britain (R) State: Conneticur (S) Zip Code:	06050
- 2	Phone: (203) 225-5/11 (U) County: Hartford	, s <sup>n</sup>
	Date of Inspection: 10-29-P1 (W) Time of Inspection (From) 1 pm (To)	5 PM
	Weather Conditions: Cocl clayly	



"'1)	Person(s) Interviewed	Title	•	Telephone
	Albert M. Smel		<del>-</del>	(517) 323-9154
	<u>Pelis Yacema</u>		Chemist, Corp. Lab.	(203) 225-5111
(2)	Inspection Participants	Agency,	/Title	Telephone
	John T. Kraft	Mich.	BNR/Water-Quality	Spec. (517)322-1687
AA)	Preparer Information	<u></u>		
	Name John Tokraft	Agency Mich	Title INR / WQS	Telephone (5/7) 322-/697
	•			
	II.	SITE ACTI	VITY:	
	Complete sections I through VII for facilities. Complete the forms (to the site activities identified	in parenthe	tment, storage, and sis) in section VII	Mor disposal I corresponding
			•	
√A	<ul><li>Storage and/or Treatment</li><li>1. Containers (I)</li><li>2. Tanks (J)</li></ul>	D.	Incineration and/o	or Thermal Treatment
	3. Surface Impoundments (K) 4. Waste Piles (L)	<u>√</u> E.	Chemical, Physical Treatment (Q)	, and Biological
	Lanu Treatment (N)		. •	•
	- Landfills (N)	•		•
· .				
Note	If facility is also a generator IX and X of this form as approp		orter of hazardous (	waste complete sections



## (Part 200 Subpart 5)

٠	. •	Yes	No	NI*	Remark
( <i>i</i> .)	Has the Regional Administrator paen notified regarding:				
	<ol> <li>Receipt of hazardous waste from a foreign source? 265.12(a)</li> </ol>	,	نة المراجعية المراجع	MJA-SHITO-STORAGO	N.A.
	2. Facility expansion? 122.23(b)2	A <sub>CD</sub> \$(E)************************************	. Water-Pro-Processing to	former was made	N.A.
(b)	General Waste Analysis:				
	Has the owner or operator obtained a detailed chemical and physical analysis of the waste?	<u>/</u>			
	265.13(a)  2. Does the owner or operator have detailed waste analysis plan on Tile at the facility?	Mämlempärvää	1	· ·	
	265.13(b) 3. Does the waste analysis plan specify procedures for inspection and analysis of each movement of hazardous waste from off-site?			gargi <del>t title</del>	N.A.
	265.13(c) =				andre en
(U)	Security - Do security Measures includ (if applicable) 265.14	e:			
	<pre>1. 24-Hour surveillance?    265.14(b)1</pre>	<u> Ľ</u>		specific profit programs	
. :	<ul><li>2. Artificial or natural barrier around facility?</li><li>265:14(b)2</li><li>3. Controlled entry?</li></ul>	<u> </u>		· · · · · · · · · · · · · · · · · · ·	
×	265.14(b)2ii 4. Danger sign(s) at entrance? 265.14(c)		1/		•
(9)	Do Owner or Operator Inspections Include: 265.15			•	
,	<ol> <li>Records of malfunctions?</li> <li>265.15(a)1</li> <li>Records of operator error?</li> </ol>				
	265.15(a)1  3. Records of discharges?				
	265.15(a)1				
*hot	Inspected	3			



# III. GENERAL FACILITY STANDARDS - Continued 265 Subpart B

	Yes No	NI*	Remarks
4. Inspection schedule: 265.15(a)4		apografia del Carrelo	
<ol> <li>Safety, emergency equipment? 265.15(b)1</li> </ol>	<u> </u>		
6. Security devices? 265.15(b)1	1	proced-constant	
7. Operating and structural devices? 265.15(b)1	4	Quadrating Control of the Control of	Control of the Contro
8. Inspection log? 265.15(d)		<del></del>	
t) Do personnel training records include: (Effective 5/19/81) 265.16(d)		. •	en en <del>e</del> n en
I. Job Titles?			
2. Job Descriptions:	· (maxive)	1/	
√3. Description of Training?			
✓4. Records of Training?	_ 1/	<del></del>	
5. Have facility personnel received required training by 5-19-81?	<u> </u>		
6. Do new personnel receive required training within six months?	<u>/</u>	gr	NAME OF TAXABLE PARTY.
F) If required are the following special requirements for ignitable, reactive, incompatible wastes addressed?			
265.17 1. Special handling?			
2. No smoking signs?	- Company Comment		NA.
3. Separation and protection trom ignition sources?	<u></u>	gradient de la constant de la consta	

<sup>\*</sup>Not Inspected

# IV. PREPAREDNESS AND PREVENTION: (Part 265 Subpart C)

An internance and Operation of Facility  1. Is there any evidence of fire, explosion, or release of hazardous waste on hazardous waste constituent?  265.31  b) If required, does the Facility have the Following Equipment:  265.32(a)  2. Internal communications or a arm systems?  265.32(a)  2. Telephone or 2-way Radios at the scene of operations?  265.32(b)  3. Portable fire extinguishers, fire control, spill control equipment and decontamination equipment and decontamination equipment?  265.32(c)  Indicate the volume of water and/or foam available for fire control:  265.32(d)  Units:  C) Testing and Maintenance of Emergency Equipment:  265.33 Recordkeeping required under 265.15(b)1  1. Has the Owner or Operator established Testing and maintenance Procedures for Emergency Equipment?  2. Is Emergency Equipment Maintained in Operable Conditions?  (if needed)  265.34	/i.)	•			
explosion, or release of hazardous waste constituent?  265.31 b) If required, does the Facility have the Following Equipment:  265.32 1. Internal communications or alarm systems?  265.32(a) 2. Telephone or 2-way Radios at the scene of operations?  265.32(b) 3. Portable fire extinguishers, fire control, spill control equipment and decontamination equipment?  265.32(d)  Units:  265.32(d)  Units:  265.32(d)  Units:  265.33 Recordkeeping required under 265.15(b)1  1. Has the Owner or Operator established Testing and Maintenance Procedures tor Emeryency Equipment?  2. Is Emeryency Equipment  Maintained in Operable  Conditions?  D) Has Owner or Operator Provided Immediate Access to internal Alarms?  (if needed)					,
have the Following Equipment:  265.32  Internal communications or alarm systems?  265.32(a)  Following a variable for 2-way Radios at the scene of operations?  265.32(b)  Portable fire extinguishers, fire control, sull control equipment?  265.32(c)  Indicate the volume of water and/or foam available for fire control:  265.32(d)  Units:  Colorate the volume of water and/or foam available for fire control:  265.32(d)  Units:  Colorate the volume of water and/or foam available for fire control:  265.32(d)  Units:  Colorate the volume of water and/or foam available for fire control:  265.32(d)  Units:  Colorate the volume of water and/or foam available for fire control:  265.32(d)  Units:  Colorate the volume of water and/or foam available for fire control:  265.32(d)  Units:  Colorate the volume of water and/or foam available for fire control:  265.32(d)  Units:  Colorate the volume of water and/or foam available for fire control:  265.32(d)  Units:  Colorate the volume of water and/or foam available for fire control:  265.32(d)  Units:  Colorate the volume of water and/or foam available for fire control:  265.32(d)  Units:  Colorate the volume of water and/or foam available for fire control:  265.32(d)  Units:  Colorate the volume of water and/or foam available for fire control:  265.32(d)  Units:  Colorate the volume of water and/or foam available for fire control:  265.32(d)  Units:  265.32(d)  Units:  Colorate the volume of water and/or foam available for fire control:  265.32(d)  Units:  Colorate the volume of water and/or foam available for fire control:  265.32(d)  Units:  Colorate the volume of water and/or foam available for fire control:  265.32(d)  Units:  Colorate the volume of water and/or foam available for fire control:  265.32(d)  Colorate the volume of water and/or foam available for fire control:  265.32(d)  Colorate the volume of water and/or foam available for fire control:  265.32(d)  Colorate the volume of water and/or foam available for fire control:  265.32(d)  Colorate the volume of water		explosion, or release of hazardous. waste constituent?		Maramandar sanaka makana m	
have the Following Equipment:	<b>.</b> . Y				
1. Internal communications or a a arm systems?  265.32(a)  2. Telephone or 2-may Radios at the scene of operations?  265.32(b)  3. Portable fire extinguishers, fire control, spill control equipment?  265.32(c)  1. Indicate the volume of water and/or foam available for fire control:  265.32(d)  Units:  265.32(d)  Units:  265.33 Recordkeeping required under 265.15(b)1  1. Has the Owner or Operator established Testing and Maintenance Procedures tor Emergency Equipment?  2. Is Emergency Equipment  Maintained in Operator Provided Immediate Access to Internal Alarms? (if needed)	<i>.</i>	have the Following Equipment:			•
a a arm systems?  265, 32(a)  2. Telephone or 2-way Radios at the scene of operations?  265, 32(b)  3. Portable fire extinguishers, fire control, spill control equipment and decontamination equipment?  265, 32(c)  Indicate the volume of water and/or form available for fire control:  265, 32(d)  Units:  Unified — city water supply  C)  Testing and Maintenance of Emergency Equipment:  265, 33 Recordkeeping required under 265, 15(b)1  1. Has the Owner or Operator established Testing and Maintenance Procedures for Emergency Equipment?  2. Is Emergency Equipment Haintained in Operable Conditions?  D) Has Owner or Operator Provided Immediate Access to Internal Alarms? (if needed)					
2. Telephoné or 2-way Radios at the scene of operations?  265.32(b) 3. Portable fire extinguishers, fire control, spill control equipment and decontamination equipment?  265.32(c) Indicate the volume of water and/or foam available for fire control:  265.32(d) Units:  Costing and Maintenance of  Emergency Equipment:  265.33 Recordkeeping required under 265.15(b)1 1. Has the Owner or Operator established Testing and Maintenance Procedures for Emergency Equipment?  2. Is Emergency Equipment  Maintained in Operable  Conditions?  D)  Has Gimer or Operator Provided  Immediate Access to Internal Alarms?  (if needed)				makehana haran haran maran mar	**************************************
265.32(b) 3. Portable fire extinguishers, fire control, spill control equipment and decontamination equipment? 265.32(c) Indicate the volume of water and/or foam available for fire control: 265.32(d) Units:  C) Testing and Maintenance of Emergency Equipment: 265.33 Recordkeeping required under 265.15(b)1 1. Has the Owner or Operator established Testing and Maintenance Procedures for Emergency Equipment? 2. Is Emergency Equipment Maintained in Operable Conditions?		2. Telephone or 2-way Radios			and the street of the state of
3. Portable fire extinguishers, fire control, spill control equipment and decontamination equipment?  265.32(c) Indicate the volume of water and/or foam available for fire control:  265.32(d) Units:  C) Testing and Maintenance of Emergency Equipment: 265.33 Recordkeeping required under 265.15(b)1 1. Has the Owner or Operator established Testing and Maintenance Procedures for Emergency Equipment?  2. Is Emergency Equipment Maintained in Operable Conditions?  D) Has Owner or Operator Provided Immediate Access to Internal Alarms? (if needed)		·			
equipment and decontamination equipment?  265.32(c) Indicate the volume of water and/or foam available for fire control:  265.32(d) Units:  C) Testing and Maintenance of Emergency Equipment:  265.33 Recordkeeping required under 265.15(b)1  1. Has the Owner or Operator established Testing and Maintenance Procedures for Emergency Equipment Maintained in Operable Conditions?  D) Has Owner or Operator Provided Inmediate Access to Internal Alarms? (if needed)		<ol><li>Portable fire extinguishers,</li></ol>			
equipment?  265.32(c) Indicate the volume of water and/or foam available for fire control:  265.32(d) Units:  **Minited* - city water supply  **Color of the control of the			,		
Units:    Description   Composition   Control   Control		· ·			• •
Units:    Unimited - city water Supply    Color		Indicate the volume of water and/or	foam available for f	ire control:	
C) Testing and Maintenance of Emergency Equipment:		265.32(d) "			•
Emergency Equipment:		VIII Co. (a M. 1. Mai Toll)	- City Wigher	SWAAL.	
Emergency Equipment:		united animited	- city water	suffly	
Emergency Equipment:		united.	- city water	suffly	
265.33 Recordkeeping required under 265.15(b)1  1. Has the Owner or Operator established Testing and Maintenance Procedures for Emergency Equipment?  2. Is Emergency Equipment Maintained in Operable Conditions?  D) Has Owner or Operator Provided Immediate Access to Internal Alarms? (if needed)	<i>6</i> • 1.		- city water	Suffly	
established Testing and Maintenance Procedures tor Emeryency Equipment?  2. Is Emeryency Equipment Maintained in Operable Conditions?  B) Has Guner or Operator Provided Immediate Access to Internal Alarms? (if needed)	©) <sup>.</sup>	Testing and Maintenance of	- city water	Supply	
Maintenance Procedures tor Emergency Equipment?  2. Is Emergency Equipment Maintained in Operable Conditions?  D) Has Owner or Operator Provided Immediate Access to Internal Alarms? (if neeged)	€).	Testing and Maintenance of Emergency Equipment:		Supply	
2. Is Emergency Equipment Maintained in Operable Conditions?  D) Has Gwner or Operator Provided Instediate Access to Internal Alarms? (if neeged)	C).	Testing and Maintenance of Emergency Equipment: 265.33 Recordkeeping required the Has the Owner or Operator		Suffly	
Maintained in Operable Conditions?  D) Has Gumer or Operator Provided Instediate Access to Internal Alarms? (if needed)	C):	Testing and Maintenance of Emergency Equipment: 265.33 Recordkeeping required the Unner or Operator established Testing and		Suffly	
Maintained in Operable Conditions?  D) Has Gumer or Operator Provided Instediate Access to Internal Alarms? (if needed)	C):	Testing and Maintenance of Emergency Equipment: 265.33 Recordkeeping required t 1. Has the Owner or Operator established Testing and Maintenance Procedures		Suffly	
D) Has Gwner or Operator Provided Insmediate Access to Internal Alarms? (if neeged)	C).	Testing and Maintenance of Emergency Equipment: 265.33 Recordkeeping required t 1. Has the Owner or Operator established Testing and Maintenance Procedures for Emergency Equipment?		Suffly	
Immediate Access to Internal Alarms? (if needed)	©):	Testing and Maintenance of Emergency Equipment:     265.33 Recordkeeping required t  1. Has the Owner or Operator     established Testing and     Maintenance Procedures     tor Emergency Equipment?  2. Is Emergency Equipment		Suffly	
Immediate Access to Internal Alarms? (if needed)	©) <sup>.</sup>	Testing and Maintenance of Emergency Equipment:     265.33 Recordkeeping required t  1. Has the Owner or Operator     established Testing and     Maintenance Procedures     tor Emergency Equipment?  2. Is Emergency Equipment     Maintained in Operable		Suffly	
(if neeged)	©).	Testing and Maintenance of Emergency Equipment:     265.33 Recordkeeping required t  1. Has the Owner or Operator     established Testing and     Maintenance Procedures     tor Emergency Equipment?  2. Is Emergency Equipment     Maintained in Operable		Suffly	
		Testing and Maintenance of Emergency Equipment: 265.33 Recordkeeping required t  1. Has the Owner or Operator established Testing and Maintenance Procedures for Emergency Equipment?  2. Is Emergency Equipment Maintained in Operable Conditions?  Has Owner or Operator Provided	under 265.15(b)1	Suffly	
200.34		Testing and Maintenance of Emergency Equipment:	under 265.15(b)1	Suffly	
		Testing and Maintenance of Emergency Equipment:	under 265.15(b)1	Suffly	

\*Not Inspected



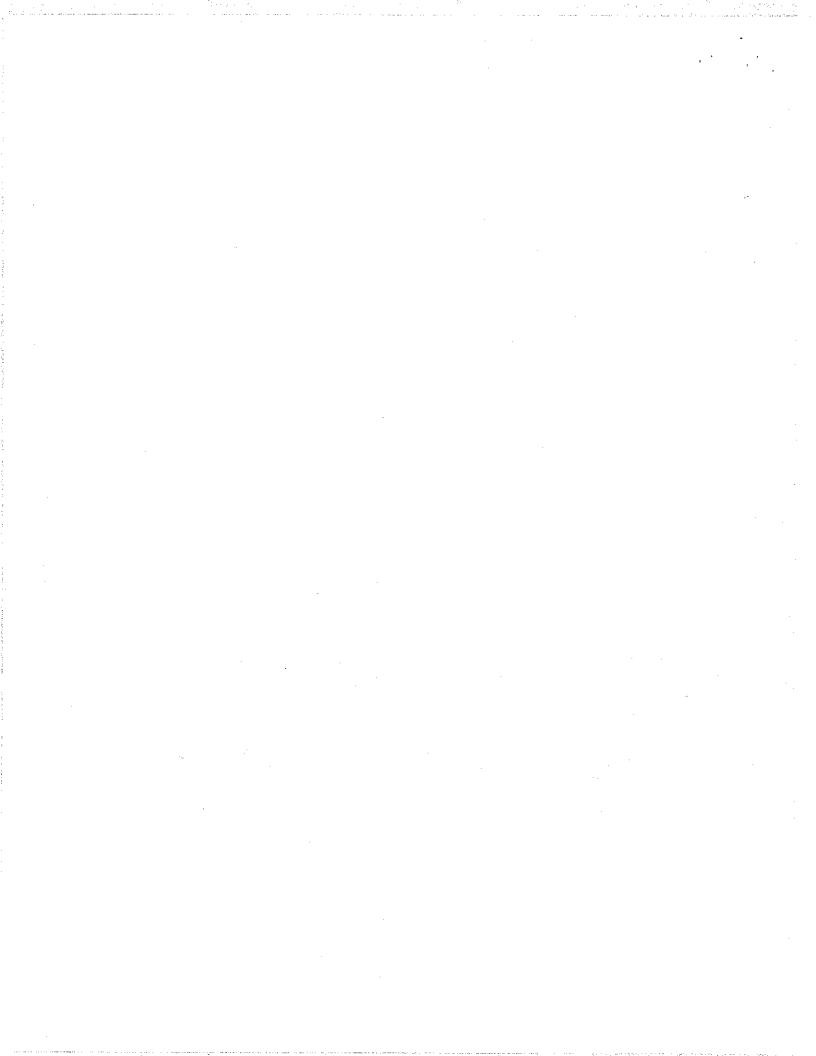
(L)	Is there adequate aisle space for unobstructed movement? 265.35	1/	-	Orizona and Principles	_		
	V. CONTINGENCY PLAN (Part 265			CY PROC	EDURES:		· <b>6</b>
(E)	Does the contingency Plan contain the following information:	Yes	No	NI*	Remarks	•	
	1. The actions facility personnel must take to comply with §265.51 and 265.56 in response to fires, explosions, or any unplanted release of hearthcare.	e e e					
	unplanned release of hazardous waste? (If the owner has a Spill Prevention, Control, and Counter-measures (SPCC) Plan, he heeds only to amend that plan to						
	incorporate hazardous waste management provisions that are sufficient to comply with the requirements of this Part (as applicable.)	gp-https://doi.org/	no	cont	ingenty	pian	
	2. Arrangements agreed to by local police departments, fire departments hospitals, contractors, and State and local emergency response teams to coordinate emergency services pursuant to §265.37?	-				·	
	homes, addresses, and phone bers (office and home) of all rooms qualified to act as second coordinators?	***************					
	facility which includes the facility which includes the and physical description item on the list and a facility of its capabilities?			· ·			•
	ion plan for facility here there is a possibilition could be necessary?  ust describe signal(s) begin evacuation, tes, and alternate	ty			·		an san e d'

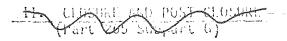


# . V. CONTINGENCY PLAN AND EMERGENCY PROCEDURES - Continued 265 Subpart D

		* * * * * * * * * * * * * * * * * * *					
			Yes	No	WI*	Remarks	
(b)	Are copies of the Contingency Pl Available at Site and local Emer Organizations?						
	265.53						
(C)	Emeryency Coordinator 265.55				•		•
• •	1. Is the facility Emergency Coordinator identified?		-	to the Control of the	·	Walter Commission of the Commi	
	to You are not make a first of the						
	2. Is coordinator familiar with all aspects of site operation and emergency procedures?				al-factor	***************************************	
	3. Does the Emergency Coordinat have the authority to carry the Contingency Plan?	or					
(U)	Emergency Procedures						•
	If an emergency situation has occat this facility, has the Emerge Coordinator followed the emergency procedures listed in 265.56?	ncy					
	VI. MANIFEST SY	STEM, R Part 26				REPORTING	
			Yes	No	NI*	Remarks	
$\langle \dots \rangle$	Use of Manifest System						
	1. Does the facility follow the procedures listed in §265.71 processing each Manifest?	for	<b>√</b>		declinearithes	a	
	<ol><li>Are records of past shipments retained for 3 years</li></ol>	S .	V	/	000-t-termenter		
	265.71(5)						
	Does the owner or operator meet requirements regarding Manifest Discrepancies?  265.72		<del>Dy. 1</del>	- Olyainensen,	<u>a-untigoto</u>	N.A.	
	203.72						

.t Inspected





		•		
21	ng Record 65.73 s the owner or operator			
mai rec	ntain an operating ord as required in .73?		minus (Miller or	and a special state of the
con	s the operating record tain the following ormation:			
**10.	The method(s) and date(s) of each wastes treatment, storage, or disposal as required in Appendix I?			
/c.	The location and quantity of each hazardous waste within the facility?			
***d.	A map or diagram of each cell or disposal area showing the location and quantity of each hazardous waste? (This information should be cross-referenced	•		
e e e e e e e e e e e e e e e e e e e	to specific manifest numbers if waste was accompanied by a manifest.)		114.	
e.	Records and results of all waste analyses, trial tests, monitoring data, and operator inspections?		·	
∕₹•	Reports detailing all incidents that required implementation of the contingency plan?			
15.	All closure and past closure costs as applicable? (Effective 5-19-81)			

<sup>\*\*</sup> See page 33252 of the May 19 , 1980, Federal Register.

<sup>\*\*\*</sup> Unly applies to disposal facilities



## V..... CLOSURE AND POST CLOSURE (Part 205 Subpare 6)

			Yes	No	NI*	Remarks	
λ)	Clos	sure and Post Closure		-			
	٦.	Closure Plan Available for Inspection by May 19, 1981? 265.112(a)	pro <u>stance</u> ,	1	Wayaya kalika kata,	In progress o	theing draft
		Has this plan been submitted to the Regional Administrator 285.112(c)	ásally, pausausen Pap	1	<del>Sp. (Specially</del>		
	3.	Has Closure begun? 265.112(c)		<u> </u>	· ************************************		·
	4.	Is closure estimate available by May 19, 1981? 265.142		1	/: : ·		
B)	Post	t Closure Care and Use of Property			•		
	a Po	the Owner or Operator supplied est Closure Monitoring Plan May 19, 1981)?  265.117	, Kirkayanindraig	<u> </u>	_		
aci	lity	Name: Stanley Tools	I ENT (	•		nspection: _/¿-	29-81
			Yes		NI*	Remarks	
i	1.	Are containers in good condition? 265.171			**************************************		
	2.	Are containers compatible with waste in them? 265.172	V		<del> </del>		
	3.	Are containers stored closed? 265.173(a)					Barrens and the same of the sa
	4.	Are containers managed to prevent leaks? 265.173(b)				4-1	Allegan and Address and the Ad
	5.	Are containers inspected weekly for leaks and defects? 265.174			Special processing	ر در المراقب ا	
	6.	Are ignitable & reactive wastes stored at least 15 meters (50 feet) from the facility property line? 265.176	I	Lade	if west	= is: II Ignilabla	, Deactive

\*Mot Inspected

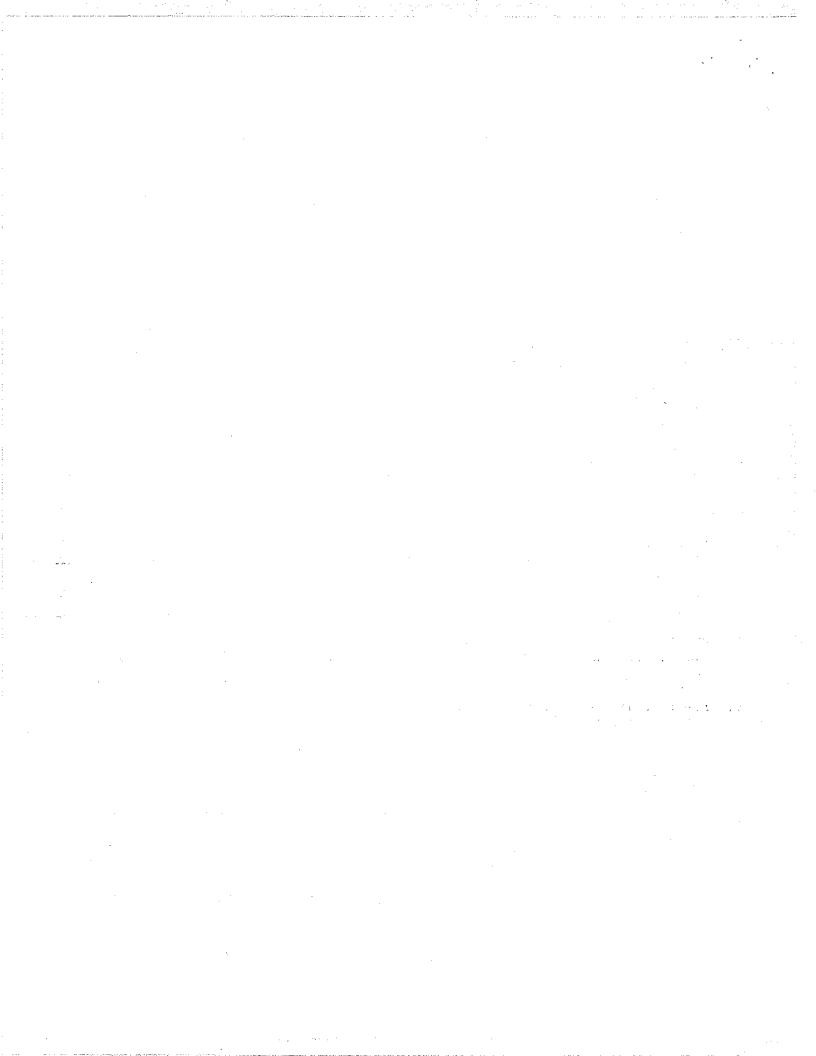


	7.	Are incompatible wastes stored in separate containers? (If not, the provisions of 40 CFR 265.17(b) apply.)	<u> </u>	G Screening-assertings			
		265.177(a) Are containers of incompatible wastes separated or protected from each other physical barriers or sufficient distance?	<u> </u>	Name Provinces V			
		265.177(c)	J TANKS				
acil	ity	Name: Stanley Tools	Date	of Insp	ection:	10-29-81	
	· deserved	Are tanks used to store only those wrstes which will not cause corrosic leakage or premature failure of the tank?		- American Sept.		and the second s	
	2.	265.192(b) Do uncovered tanks have at least 60 cm (2 feet) of freeboard, or dikes or other containment structures?				·	
	3.	265.192(c) Do continuous feed systems have					and the state of t
		a waste-feed cutoff? 265.192(d)	نے کے		<del></del>	·	
•	<i>L</i> ; .	Are waste analyses done before the tanks are used to store a substantially different waste than before?			NA		flevent wist stored
	5.	265.193(a) Are required daily and weekly inspections done?		, prominger made			
	6.	265.194 Are reactive & ignitable wastes in tanks protected or rendered non-reactive or non-ignitable? (If	Indicate	if was	ite is: [	7 Isnitab	<i>]</i>
	٠	<pre>waste is rendered non-reactive or non-ignitable, see treatment requirements.)</pre>				Reactiv	
	7.	265.198, 265.17 Are incompatible waste stored in separate tanks? (If not, the provisions of 40 CFR 265.17(b) apply.)					•
		265.199		<del>-</del>	·		

Yes No

Klarks

NI÷



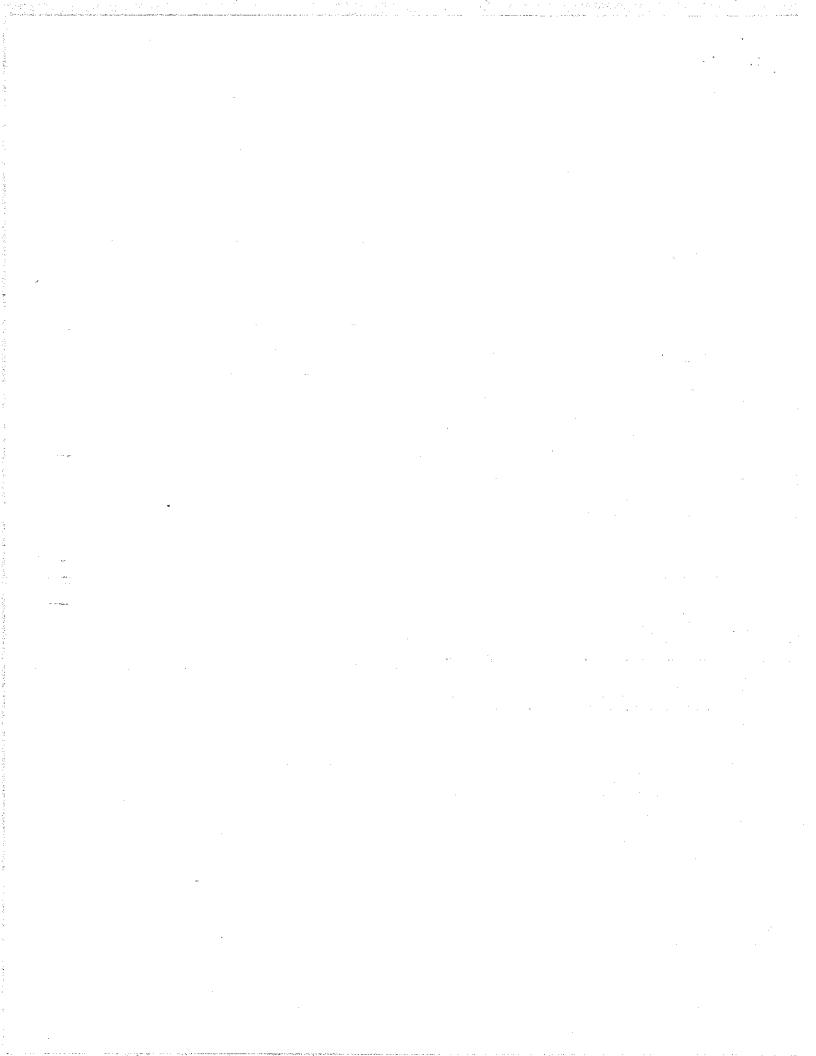
	Has the owner or operator observed the N Associations buffer zone requirements fo or reactive wastes?			
	Tank capacity:	gallons	N.A.	
	Tank diameter:	fect		
	Distance of tank from property line	والمستعمل والمستعم والمستعمل والمستعمل والمستعمل والمستع	feet	
	(See table 2 - 1 through 2 - 6 of NRPA's Code - 1977" to determine compliance.)	"Flammable a	nd Combustible .	
	K SURFACE IMPOUN	DMENTS		
cility	Name: Stanley Tools	Date o	f Inspection:	
١.	Do surface impoundments have at least 60 cm (2 feet) of freeboard?			
2.	265.222 Do earthen dikes have protective covers?			
3.	Are waste analyses done when the impoundment is used to store a substantially different waste than before?		N.A. nodi	Heront waytes
Å.	265.225(a) Is the freeboard level inspected at least daily?		yet	- STEYEN
5.	265.226(a)l Are the dikes inspected weekly for evidence of leaks or deterioration?			
6.	265.226(a)2 Are reactive & ignitable wastes rendered non-reactive or non- ignitable before storage in a			
	surface impoundment? (If waste is rendered non-reactive or non-ignitable, see treatment requirements.) 265.299(a)1	· .		
7.	Are imcompatible wastes stored in different impoundments? (If not, the provisions of 40 CFR 265.17(b) apply.)		N.A.	
	265.230			



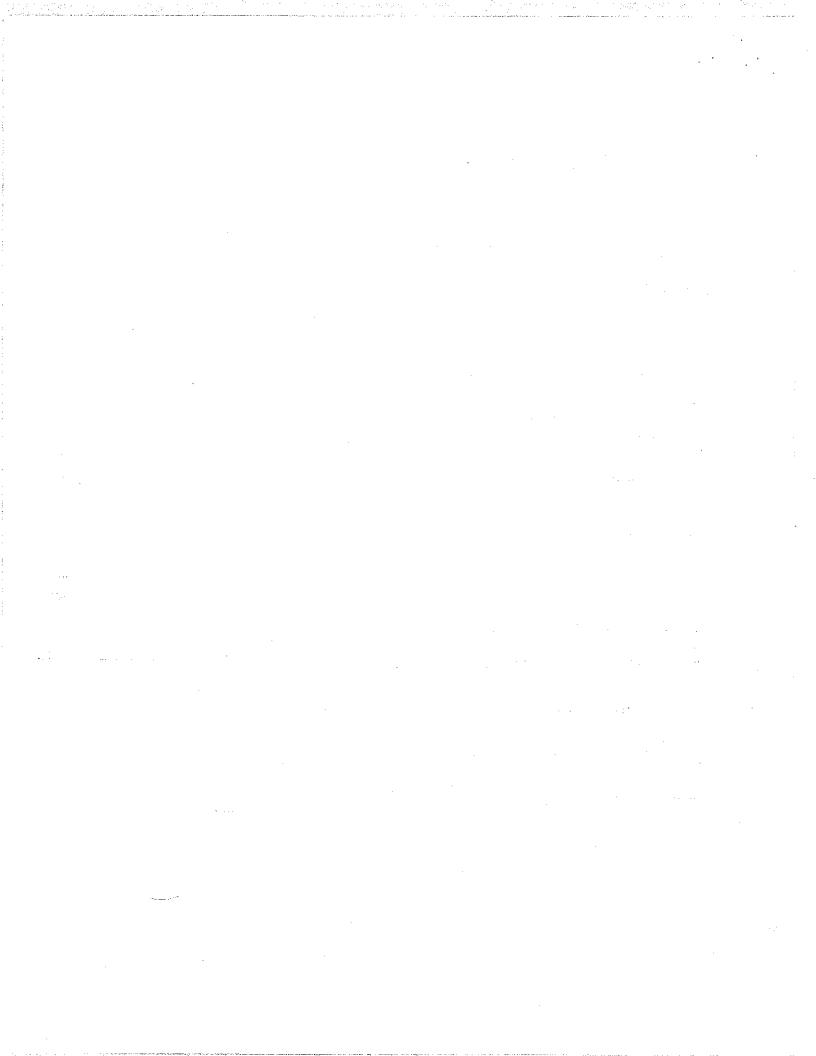
NA.

### WASTE PILES

lity	Name:		· · · · · · ·	Date o	f Inspection:	
		Yes	Мо	NI*	Remarks	•
1.	Are waste piles covered or protecto from the wind?	2d	arassarran?	*************************	· · · · · · · · · · · · · · · · · · ·	
2.	265.251 Is each in-coming movement of waste analyzed before being added					
	to the waste pile? 265.252					
3.	Are leachate, run-off, and run-on controlled? (The effective date					
•	of this provision is Nov. 19, 1981. 265.253	. )				· ·
4.	Are reactive & ignitable wastes		•			
	rendered non-reactive or non- ignitable before storage in a pile? (If waste is rendered non- reactive or non-ignitable, see treatment requirements.)	In	dicate	if woste	is: DIgnite	ibic, D Renetive
<b>5.</b>	265.256(a)l Are piles of reactive or ignitable waste protected? 265.256(a)2			-		
δ.	Are incompatible wastes stored in different piles? (If not, the provisions of 40 CFR 265.17(b) apply.)					
7.	265.257(a) Are piles of imcompatible waste protected by barriers or distance from other waste?	General de Principal de la constante de la con				
	0.65 0.57/1 \					



FAcility	Name:	Date	of	Inspe	ction:	&-250 <del></del>		
· · · ].	Is hazardous waste capable of biological or chemical degradation?							
2.	265.272(a) Are run-off and run-on diverted from the facility or collected (Effective date: Movember 19, 1981)?	• ;·						
3.	265.272(b & c) Is waste analyzed according to 265.273?							
4.	265.13 If food chain crops are grown at the facility, has the owner or operator addressed the requirements of 265.276?	<sub>Даминицина</sub> билина <sup>1</sup> 11	No. of Concession, Name of	que Unid			· · · · · · · · · · · · · · · · · · ·	
5.	Is an unsaturated zone monitoring plan designed and implemented to detect the vertical migration of hazardous waste and provide information on the background concentrations of the hazardous waste available?							
6.	265.278(a) Does the unsaturated zone moni- toring plan address the minimum information specified in 265.278?	TOTAL	·					
7.	cation dates, and rates, quantities, and location of all hazardous waste placed in the facility? 265.279	in the second se	مسند		<u> </u>			
8.	Are the special requirements fulfilled regarding land treatment of ignitable or reactive wastes?	Indicata,	!f i	maste	is: [	7 Ignita	ble [	I Reaction
9.	265.281 Are incompatible wastes land treated? (If yes, 265.17(b) applies) 265.282	Sincer to the same of the same		······································	may promote the Art Property SIGN			nan e anna d'arrive de anne e



### N LAMDFILLS

Fac	cility Name:	Da	ite of	Inspec	ction:
		Yes	No	NI*	Remarks
(A)	General Operating Requirements Does the facility provide the follow	ning:			
jt	**1. Diversion of run-on away from a portions of the fill?	ctive	***************************************	,	
*	265.302(a)  **2. Collection of run-off from acti portions of the fill?	ve	٠	- Programme	
*	265.302(b) **3. Is collected run off treated?				
	265.302(b) 4. Control of wind disposal of hazardous waste? 265.302(d)	annell, squime squ	Čusni-	war and the state of the state	
	(**Effective 11-19-81)	•			
(B)	Surveying and Recordkeeping Does the Operating Record Include:				
-	1. A map showing the exact location and dimensions of each cell?	]		فاستخبضهني	
	265.309(a)  2. The contents of each cell and the location of each hazardous wasted type withing each cell?  265.309(b)			· ·	
(0)		•			
(C)	Closure and Post-Closure	• • • •			
	1. Is the Closure Plan available for inspection by 5-19-81? 265.112(a)	or		~~~··	
	2. Has this plan been submitted to the Regional Administrator?		· ·		
•	265.112(c) 3. Has Closure begun?				ann gaire ann ann an ann an an ann ann ann an ann an a
	265.112(c) 4. Is Closure cost estimate available by 5-19-81?	ole			
(D)	265.142(a) for Special requirements for ignitable reactive waste	or		·	
	Are ignitable or reactive wastes to the resulting mixture is no lon ignitable or reactive?  265.312	reated ger 14			



		Yes	No	MI×	Remarks	
	<pre>//f waste is rendered non-reactive co non-ignitable see treatment coquirements)</pre>					
	If not, the provisions of 40 CFR 265.17( apply.	b)		NAME OF TAXABLE STATES		<b>, and the second of the secon</b>
Ξ)	Special requirements for Incompatible Wastes.					
	Loes the owner or opperator dispose of incompatible wastes in separate cells?			- · · · · · · · · · · · · · · · · · · ·		
	265.313 If not, the provisions of 40 CFR 265.17( apply.	(b)		, eindebylannes		
(F)	Special requirements for liquid waste (effective 11-19-81)	•				
٠	1. Are bulk or non-containerized liquis placed in the landfill?	ds 				·
* -	265.314(a) 2. Does the landfill have a chemically and physically resistant liner system?		٠			
	265.314(a)1 3. Does the landfill have a functional leachate collection system?	B				
8	265.314(a)1 4. Are fee liquids stabilized prior to or immediately after placement in the landfill?					-
	265.314(a)2					
(6)	Special requirements for Containers (effective 11-19-81)					
	Are empty containers crushed flat, shredded, or similarly reduced in volum before being, buried beneath the surfac of the landfill?  265.315(a)	e 		ma ur mana		



# O and P INCINERATION and THERMAL TREATMENT N.A.

Facility Name:			,,	
Date of Inspection:		o	and a real resolution of the second s	•
				÷
T. D	Determination o	if Steady Stat	e	
	- Committee of the control of the co			•
Type of unit (i.e., type of inc	inerator or th	ermal treatme	nt:):	
			·	
Components and steady state con	idition: r 265	3/13 Th	265.373	•
			ent at SS prior t	o adding wast
Carranant	•	No NI*		
Component	165	2 110 - 111	Kemarka	
	-			
	· .		100 mm	AND THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER.
		<u> </u>		
Constitution of the state of th	يسسسني يستيس			
•	II. Waste	Analysis		
•		5.13		
Minimum requirements, for waste	es not previou	sly burned/tr	eated.	•
1. Required analyses; has	s an Ye	s No NI*	Remarks	
<pre>analysis been performe for the following:</pre>	ed	•		
I 265.345 Th 265.375  a. Heating value				
b. Halogen content		umum Dilibidakumudda Garif-adlaniilib		
c. Sulfur content	G*in-balance	annaar 19™dr-Nobaraan Crrish-pr-Naraanb		
C. Sufful content	Washing at	iorad Erofolizational Developing	Consequent for many to the first the consequence of	



Yes	Ro	NI*	Remarks
11.3	110	114	The High Lag

	be substitution these.	, written data may uted for analysis Are either present 5.345 Th 265,375				
	a. Lead?		·			
	b. Mencury	/? /?				
i.i.o	Other parameters for steady state or detail Remarks any which ye	ermine the types of	pollutants w			
			,,	. "	· ·	
•	2.				· <u>_ · · · · · · · · · · · · · · · · · ·</u>	
	3.		•			
-	G.					
			, <del>(1 </del>		Marriago de Caracteria de Cara	<u> </u>
	10° S		And the second s		**************************************	
		III. Monitor	ring and Insp	ections		
			Yes No	NI*	Remarks	
۸	Combustion/emission monitored at least		·			·
8.	I 265.345(a)1. Th 2 Steady state mainta attempted?	65.377(a)l ined or corrections				
c.	I 265.347(a)1 Th 2 Stack Plume observe for normal color an	d at least hourly	. Constitution of the cons			
٥.	I 265.347(a)2 Th 2 Did any stack obser owner or operator's	vations made by				
Ē.	ferent than normal? I 265.347(a)2 Th 2 If yes to D above, made to return emis	** 65.377(a)2 Were corrections				
€ ,	appearance?**  I 265.347(a)2 Th 26 Complete unit and a		in the second se	· · · · · · · · · · · · · · · · · · ·		
	nent inspected dail and fugitive emissi	y for leaks, spills, ons?	\$ \$\tag{\text{\text{\$\sigma}\t	Spanish Address State		
3,	I 265.347(a)3 Th 2 Emergency shutdown alarms checked dail operation?	centrols, system y for proper	÷			
	I 265.347(a)3 Th 2	35,377(a)3 · · ·			**************************************	

<sup>\*</sup>Not Inspected -- \*Specify in Remarks for what period of time this was checked.

... . X. Y

### IV. Open Burning

A. Only complete this part if the facility open burns hazardous	
We offit compress and hard it die theiliet oben earns hard ada.	waste.

		Yes	No.	NI*	Remarks
	Does this facility burn only waste explosives? (A No answer means other hazardous waste is open-burned.) 265.382	- Col	-		
2.	If this facility open- burns waste explosive, does it burn the waste at a distance greater			÷	
	than or equal to the minimum specified distance (below)	<del></del>			

265.382

265.382

Pounds of waste explosives or propellants	Minimum distance from open burning or detonation to the property of others
0 to 100	380 m 1.250 ft 530 m 1,730 ft

## CHEMICAL, PHYSICAL and BIOLOGICAL TREATMENT

Facility Name: Stanley 7	Tools			•
Date of Inspection: 10-29-	81			. •
	yes No	NI*	Remarks	
Is equipment used to treat only those wastes which will not cause leakage, corrosion, or premature failure?		÷	tentropologically a large of a large of the	
<ol> <li>Is a continously fed system equipped with a means of hazardown waste inflow stoppage or control (e.g., cut-off system?)</li> </ol>	us ·	Managery and		



		Yes	No	MI*	Remarks		
1	Has the ewner or operator addressed the waste analysis requirements of 255.402?	_/	ef.			PERSON FOR MAJORITHE FOR PROPERTY AND	
	Are inspection procedures followed according to 265.403?		**************************************			nume and the number and personal and the option	e. O marine de la companya de la compa
5.	Are the special requirements fulfilled for ignitable or reactive wastes?			Names and Street		*	
៊ីវិ <sub>ម</sub> -	Are incompatible wastes treated? (If yes, 265.17(b) applies.)	<u>/</u>	<u></u>				
	hazardous only because they exhibit to rare listed as hazardous wastes in Complete this section if the owner or hazardous waste that is subsequently significant disposal.	Subpar IX operat	t D o or of off-	f 40 CF a TSD site fo	R Part 261 facility al	only for t so generat	this reason. tes
	1 0 1771143 6	Yes	No	NI*	Remarks		
(1)	Does the operator have copies of the Manifest available for review?  262.23(a)3	1					
(8)	Do the Manifest forms reviewed contain the following information: (If possible, make copies of/or record information from, mani-fest(s) that do not contain the critical elements)		×.				
	<ol> <li>Nanifest document number?         262.21(a)]</li> <li>Name, mailing address, telephone number, and EPA 19 Number of Generator</li> </ol>	<u>\lambda</u>					



		*		
	3.	Name and EPA ID Number of Transporter(s)? 262.21(a)3	<u></u>	
	4.	Name, address, and EPA ID Number of Designated permitted	/	
	5.	<pre>facility and alternate facility?    262.21(a)4 The description of the waste(s)</pre>		
		(DOT shipping name, DOT hazard class DOT identification number)?  262.21(a)5 DOT information in CF	$\nu$	202 and 172.203
	6.	The total quantity of waste(s) and	K 45 1/2. (01, 1/2.4	
		<pre>the type and number of containers loaded?</pre>		
	<b>G</b> q	262.21(a)6		
	7.	Required Certification? 262.21(b)	<del>-</del>	Emberries - 1947 - 1944 - 1945 - 1950
	8.	Required Signatures?		·
	0.	262.23(a)1	Care Marianana Annia Marianana Marianananananananananananananananananana	
(C)		es the Owner or Operator Submit ception Reports when Needed?  262.42	MA.	none get needed
		2 DDF TDANS	SPORT REQUIREMENTS	•
		Z. TRE-TRAN	or extracego. Hereitia	•
				•
(A)		waste packaged in accordance		
		th DOT Regulations?		
•	(Ki ha:	equired prior to movement of zardous waste off site)		
	1161	262.30 49 CFR Parts 173.178 and	179	
(8)	Ar	e waste packages marked and labeled		
	ាក	accordance with DOT Regulations neerning hazardous waste materials?		
	(R	equired to movement of hazardous	A	
		ste off site)		
		262.31 49 CFR Part 172		
101	1 ≠	maninad and placarde available		
(C)		required, are placards available transfer?		·
	-	262.33 49 CFR Part 172, Subpart	t F	
		202.00 (0.00)		

Yes

No NI\* Remarks

Assess Williams Co.	e de la Company de la comp La company de la company de	and the state of t	erres e recentisse and court during t	e dia despera, es a desergión de escacar casa	وجعدت فللما المعتقد	وسيسا التحليقة محورا الراوي العديدي		La esta de la companya del companya della companya	a car Sedience - 19 See	
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	• •						+			
	,									
				-		*		•		
	•									

### 3. On Site Accumulation

		Yes	No	* [N	Rei	narks			
۹Ì.	Are containers marked with start of accumulation date?								•.
2.	262.34(a)3 Are the containers of hazardous waste removed from installation before they can accumulate for more than 90 days			f			•		
-3.	262.34(a)1 If no, the facility must Are wastes stored in containers managed in accordance with 40 CFR Part 265.174 and 265.176 (weekly inspections of containers, containers holding ignitable or reactive wastes located at least 15 meters (50 Feet) from facility's property line?	-	storaç	ge or	dispo:	sal faci	lity 262	.34(b)	
4.	If wastes are stored in tanks, are the tanks managed according to the following requirements?	-							
	a. Are tanks used to store only those wastes which will not cause corrosion leakage or premature failure of the tank?  265.192(b) b. Do uncovered tanks have at least 60 cm (2 feet) of freeboard, dikes, or other containment structures?	<u> </u>	<u></u>	No. dimension as		·			
	265.192(c) c. Do continous feed systems have a waste-feed cutoff?				<u>روسسي</u>				
	265.192(d) d. Are required daily and weekly inspections done? 265.194								
-	e. Are reactive & ignitable wastes in tanks protected or rendered non-reactive or non-ignitable? (If waste is rendered non-reactive or non-ignitable, see treatment requirements?  265.198, 265.17	<u>/</u>	n						
	f. Are incompatible wastes stored in separate tanks? (If not, the provisions of 40 CFR §265.17(b) apply)					a construction of the space of	VOITE LE DONNE TO THE TOTAL TOT		· Wagnestern
⊀%ot	265.199 <b>21</b> Inspected	•							



## VI. RECORDKEEPING and REPORTING (Part 202, Subpart D)

			Yes	No	MI×	Remarks
A) B)	Exceptinesults at leas Has the Annual	ifests, Annual Reports, on Reports, and all test and analyses retained for t three years? 265.71(a)5 Generator submitted Reports and Exception as required?	<u>_</u>	NA.		Ist report not due yet
		VII. INTERNA (Part 262	ATIONA Sub	L SHIF	MENTS	
A)		e installation imported orted Hazardous Waste? 262.50		1	e manufacture.	
		(If A was answered Yes, then concerning Hazardous waste, a generator:	nplete	the f	followir Ne A	
٠	a; b,	Notified the Administrator in writing? 262.50(b)1 Obtained the signature of the foreign consignee confirming delivery of the waste(s) in the foreign country?				
	2. Imp	262.50(b)2  Met the Manifest requirements? 262.50(b)3  porting Hazardous Waste, the generator: 262.50(d)  Met the manifest requirements?				



Complete this Section if the owner or operator transports hazardous waste.

## I. MANIFEST SYSTEM AND RECORDKEEPING (Subpart B)

		Yes	No	MI*	Remarks		·
Are copies of the completed manifests or shipping paper(s) available for review and retained for three years?  263.22(a)	) 	K-ra-c <sup>2</sup> -BR-153 <sup>15</sup> )			enassados servicir - a d tras val		
<u> 11.</u>	INTERNA	TIOINA	L SHIF	PMENTS			
Does the Transporter record on manifest the date the waste let U.S.?						<i>;</i>	
263.20(f)1 Are signed completed manifest(son file?	s)		Samuladas von			·	an and make in the part of the
263.22(a) and 263.20(f)2	V. MI	SCELL/	MEOUS				•
en e							
Does Transporter transport hazardous waste into the U.S. from abroad 263.10(c)1				riane providente			
Does the Transporter mix hazardous waste of different DOT shipping descriptions							
by placing them into a single container? 263.10(c)2			<del>Que no sant ancount</del>	ىچىنىدىدىدىدىن.			

OTE: If (A) or (B) were answered "Yes" then the Transporter is also a Generator and must comply with the Generator regulations.

263.10(c)

No inspected

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#### REMARKS

e this section to briefly describe site activities observed at the time of the inspection. Note any possible violations of Interim Status Standards.

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REMARKS:								·
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